

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054333.D
 Acq On : 31 May 2023 13:04
 Operator : JC/MD
 Sample : VU0531WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

Quant Time: Jun 01 05:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.366	168	215868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	351758	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	342210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	182673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	150041	53.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.040%
35) Dibromofluoromethane	5.282	113	119238	52.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.280%
50) Toluene-d8	7.893	98	451940	52.452	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.900%
62) 4-Bromofluorobenzene	10.629	95	169670	50.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	50733	21.053	ug/l	99
3) Chloromethane	1.520	50	66640	21.119	ug/l	96
4) Vinyl Chloride	1.604	62	66564	22.110	ug/l	98
5) Bromomethane	1.855	94	34087	20.453	ug/l	97
6) Chloroethane	1.929	64	29707	20.461	ug/l	99
7) Trichlorofluoromethane	2.131	101	81501	19.677	ug/l	98
8) Diethyl Ether	2.372	74	34300	22.369	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	45968	20.498	ug/l	97
10) Methyl Iodide	2.716	142	53125	21.185	ug/l	96
11) Tert butyl alcohol	3.221	59	21493	28.118	ug/l #	55
12) 1,1-Dichloroethene	2.575	96	46264	19.924	ug/l	93
13) Acrolein	2.485	56	70261	88.356	ug/l	99
14) Allyl chloride	2.919	41	87204	21.660	ug/l	88
15) Acrylonitrile	3.311	53	191460	111.715	ug/l	98
16) Acetone	2.633	43	168098	103.632	ug/l	97
17) Carbon Disulfide	2.787	76	131614	19.179	ug/l	99
18) Methyl Acetate	2.945	43	132724	22.410	ug/l	95
19) Methyl tert-butyl Ether	3.356	73	159440	20.977	ug/l	95
20) Methylene Chloride	3.041	84	59890	20.466	ug/l	93
21) trans-1,2-Dichloroethene	3.347	96	51247	20.615	ug/l	95
22) Diisopropyl ether	3.983	45	161192	22.589	ug/l	88
23) Vinyl Acetate	3.948	43	580453	111.478	ug/l	98
24) 1,1-Dichloroethane	3.861	63	96744	21.173	ug/l	98
25) 2-Butanone	4.700	43	240990	112.212	ug/l	96
26) 2,2-Dichloropropane	4.658	77	81700	20.461	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	58540	21.168	ug/l	94
28) Bromochloromethane	4.967	49	45226	21.390	ug/l	82
29) Tetrahydrofuran	5.051	42	154954	114.785	ug/l	91
30) Chloroform	5.080	83	96807	20.843	ug/l	97
31) Cyclohexane	5.382	56	82705	20.698	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	83443	20.693	ug/l	98
36) 1,1-Dichloropropene	5.520	75	69667	19.581	ug/l	97
37) Ethyl Acetate	4.800	43	91436	21.087	ug/l	96
38) Carbon Tetrachloride	5.520	117	70277	19.298	ug/l	98
39) Methylcyclohexane	6.758	83	76796	19.056	ug/l	89
40) Benzene	5.768	78	214369	21.123	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054333.D
 Acq On : 31 May 2023 13:04
 Operator : JC/MD
 Sample : VU0531WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

Quant Time: Jun 01 05:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	44512	22.211	ug/l	93
42) 1,2-Dichloroethane	5.787	62	73879	20.039	ug/l	99
43) Isopropyl Acetate	5.906	43	127417	21.304	ug/l	98
44) Trichloroethene	6.536	130	54579	19.239	ug/l	93
45) 1,2-Dichloropropane	6.784	63	55323	20.896	ug/l	99
46) Dibromomethane	6.912	93	40293	20.676	ug/l	95
47) Bromodichloromethane	7.099	83	75405	20.690	ug/l	94
48) Methyl methacrylate	6.954	41	57266	21.590	ug/l	91
49) 1,4-Dioxane	7.002	88	33199	433.558	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	443955	111.228	ug/l	98
52) Toluene	7.964	92	132594	20.490	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	87300	20.937	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	89103	20.477	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	55725	20.779	ug/l	98
56) Ethyl methacrylate	8.327	69	82160	20.581	ug/l	93
57) 1,3-Dichloropropane	8.572	76	96972	20.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	16887	65.980	ug/l	100
59) 2-Hexanone	8.681	43	348560	110.549	ug/l	98
60) Dibromochloromethane	8.803	129	56969	20.909	ug/l	99
61) 1,2-Dibromoethane	8.919	107	61558	21.091	ug/l	99
64) Tetrachloroethene	8.549	164	51013	19.807	ug/l	97
65) Chlorobenzene	9.443	112	144521	20.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	52725	20.315	ug/l	98
67) Ethyl Benzene	9.565	91	243958	19.946	ug/l	97
68) m/p-Xylenes	9.687	106	189067	40.781	ug/l	94
69) o-Xylene	10.096	106	91385	20.363	ug/l	91
70) Styrene	10.108	104	152401	20.477	ug/l	98
71) Bromoform	10.285	173	45103	19.999	ug/l #	99
73) Isopropylbenzene	10.478	105	237421	20.986	ug/l	96
74) N-amyl acetate	10.314	43	105288	21.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	100452	21.944	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	112471	21.096	ug/l	100
77) Bromobenzene	10.777	156	64833	20.869	ug/l	91
78) n-propylbenzene	10.899	91	288596	20.824	ug/l	98
79) 2-Chlorotoluene	10.980	91	179167	21.354	ug/l	93
80) 1,3,5-Trimethylbenzene	11.083	105	201955	20.991	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	28808	20.576	ug/l	97
82) 4-Chlorotoluene	11.092	91	204320	20.755	ug/l	97
83) tert-Butylbenzene	11.414	119	195693	20.341	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	200618	20.960	ug/l	97
85) sec-Butylbenzene	11.639	105	253937	20.802	ug/l	98
86) p-Isopropyltoluene	11.787	119	205131	19.978	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	120337	20.005	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	123527	19.657	ug/l	98
89) n-Butylbenzene	12.205	91	181320	18.760	ug/l	97
90) Hexachloroethane	12.468	117	36751	20.232	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	119472	20.189	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.993	75	22965	21.997	ug/l	87
93) 1,2,4-Trichlorobenzene	13.835	180	78987	19.824	ug/l	99
94) Hexachlorobutadiene	14.015	225	37469	19.747	ug/l	100
95) Naphthalene	14.079	128	258858	20.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	81480	20.336	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
Data File : VU054333.D
Acq On : 31 May 2023 13:04
Operator : JC/MD
Sample : VU0531WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

Quant Time: Jun 01 05:14:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

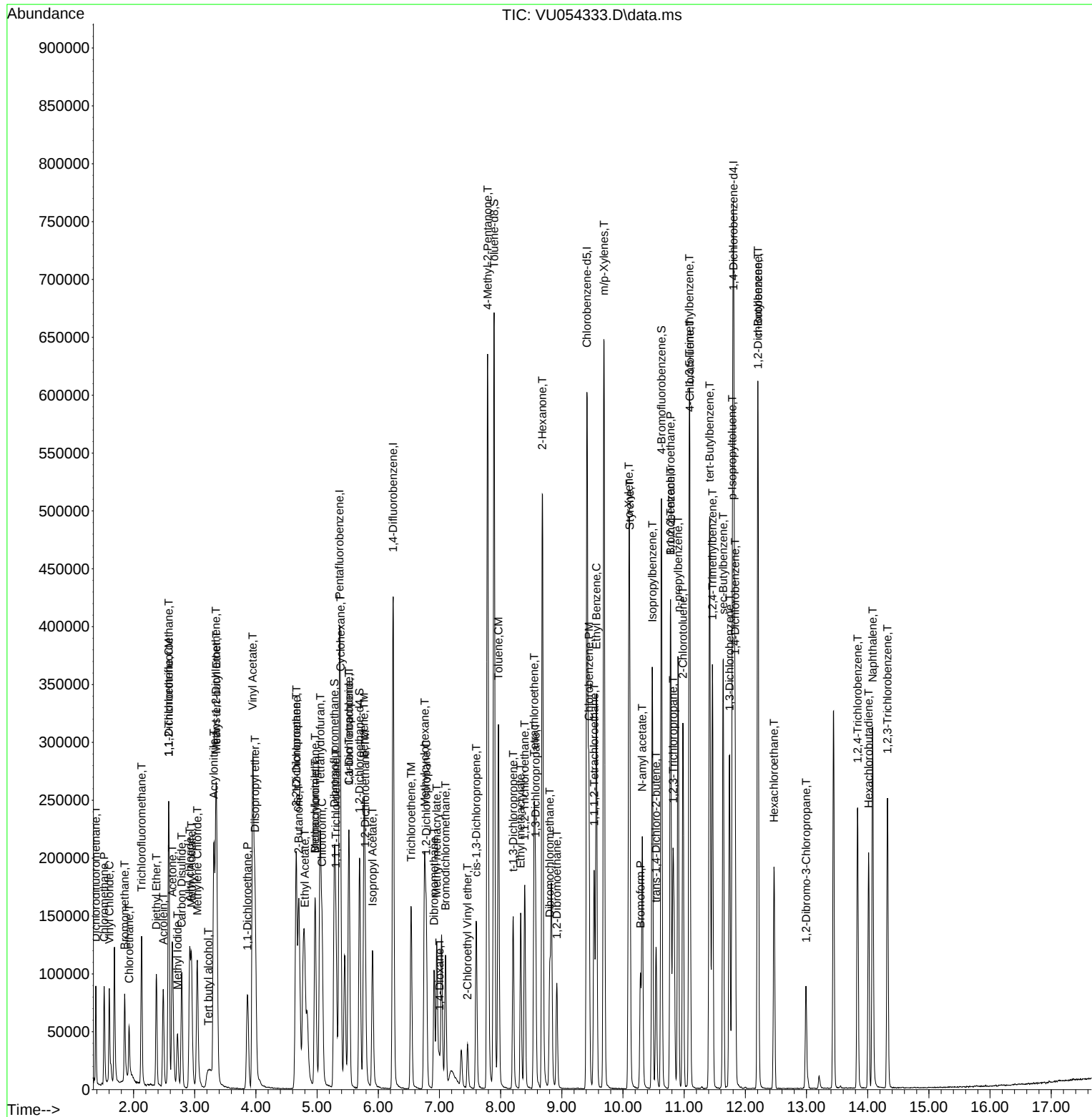
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

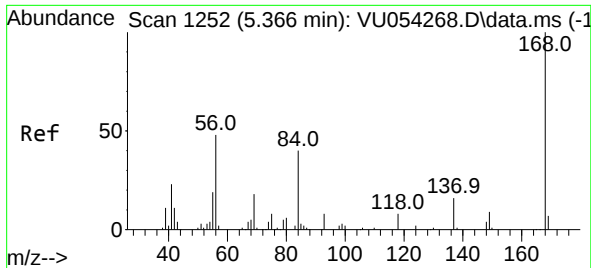
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
Data File : VU054333.D
Acq On : 31 May 2023 13:04
Operator : JC/MD
Sample : VU0531WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

Quant Time: Jun 01 05:14:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

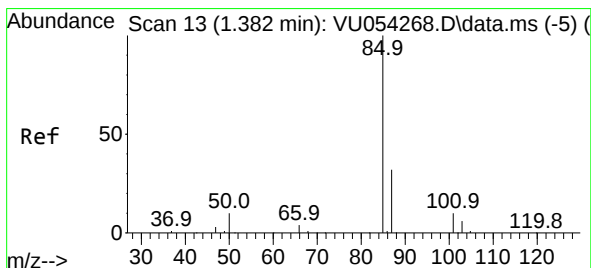
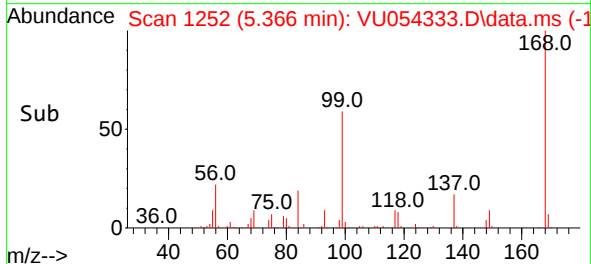
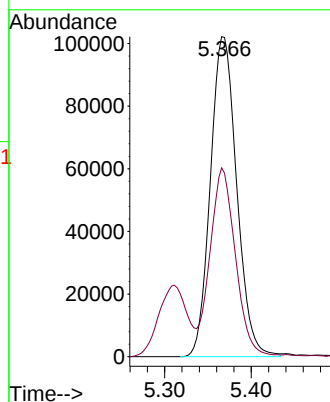
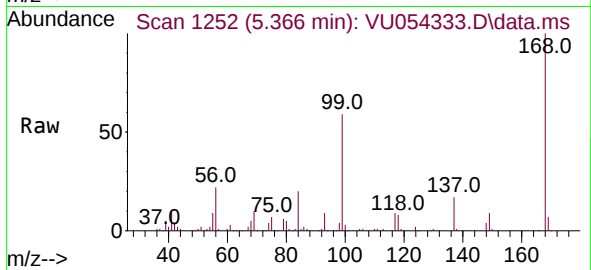




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

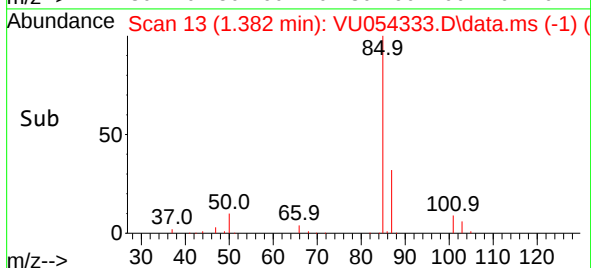
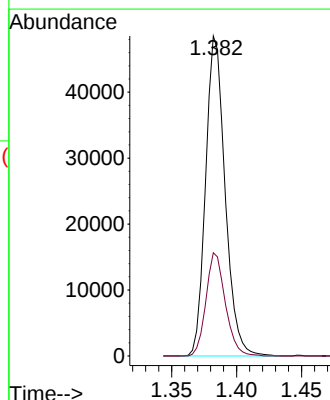
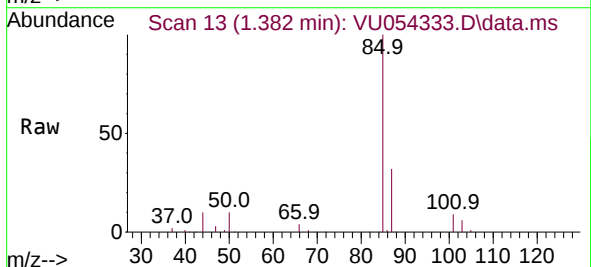
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

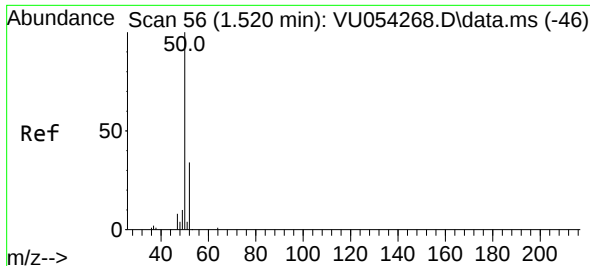
Tgt Ion:168 Resp: 215868
Ion Ratio Lower Upper
168 100
99 58.5 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 21.053 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 85 Resp: 50733
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2

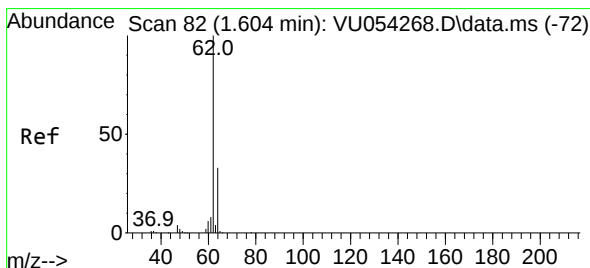
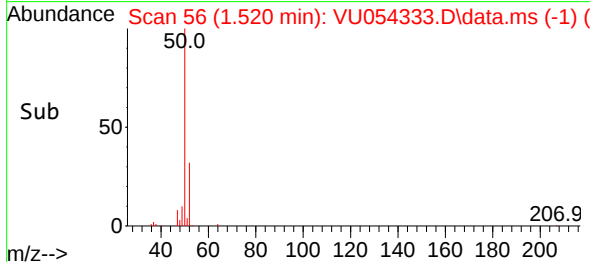
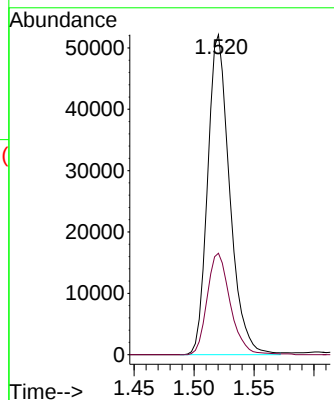
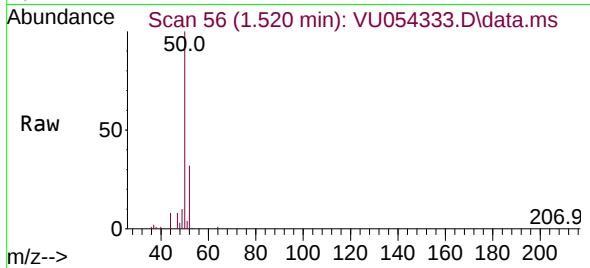




#3
Chloromethane
Concen: 21.119 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

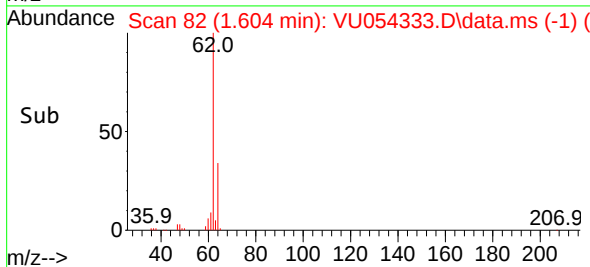
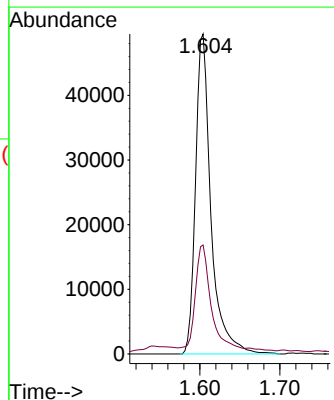
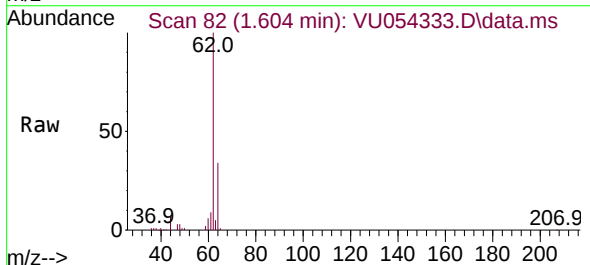
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

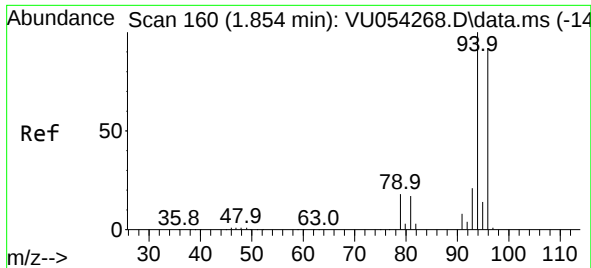
Tgt Ion: 50 Resp: 66640
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.2



#4
Vinyl Chloride
Concen: 22.110 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 62 Resp: 66564
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9

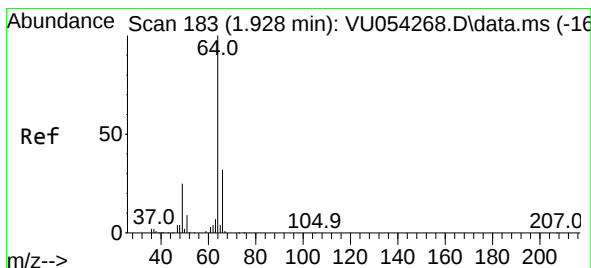
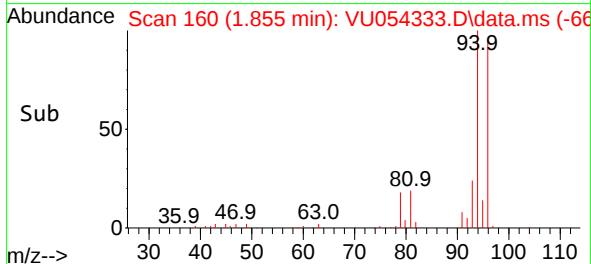
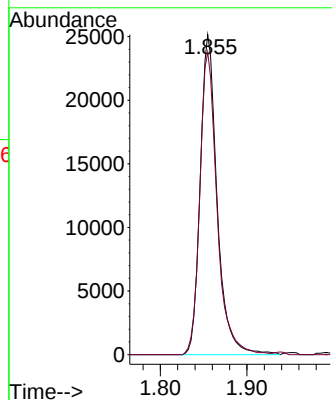
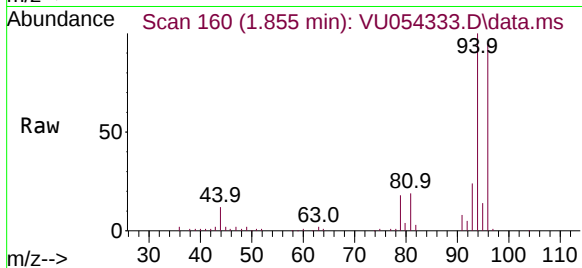




#5
Bromomethane
Concen: 20.453 ug/l
RT: 1.855 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

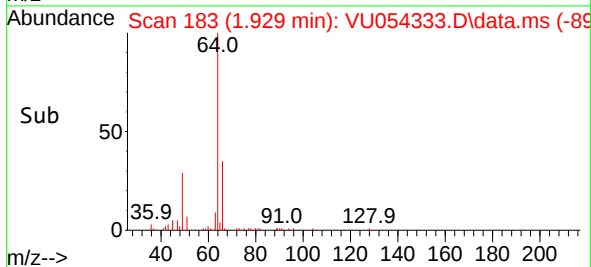
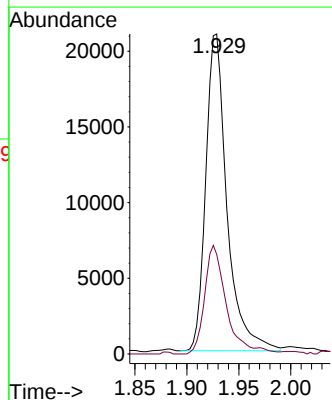
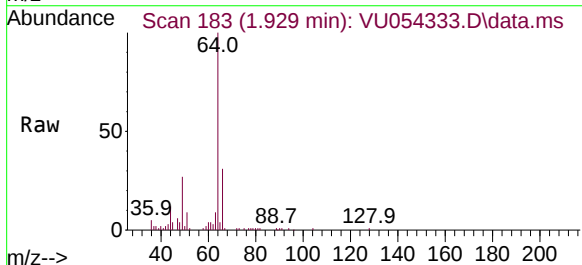
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

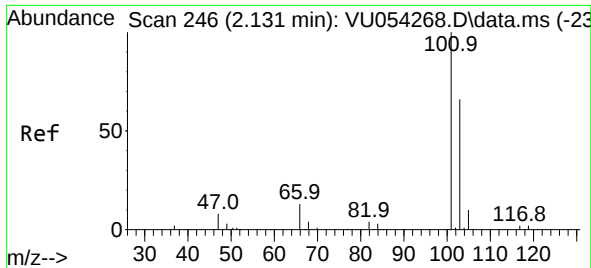
Tgt Ion: 94 Resp: 34087
Ion Ratio Lower Upper
94 100
96 94.6 73.7 110.5



#6
Chloroethane
Concen: 20.461 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 64 Resp: 29707
Ion Ratio Lower Upper
64 100
66 31.5 24.7 37.1

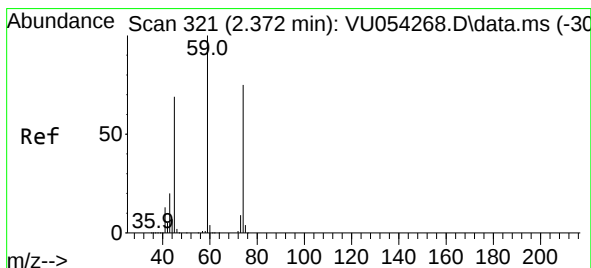
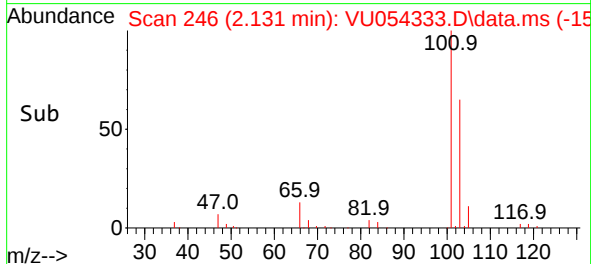
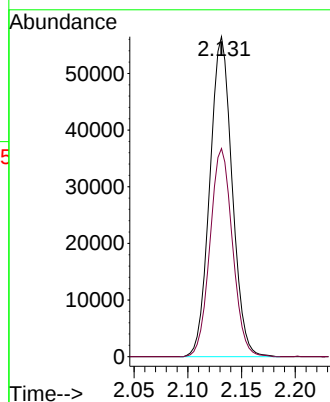
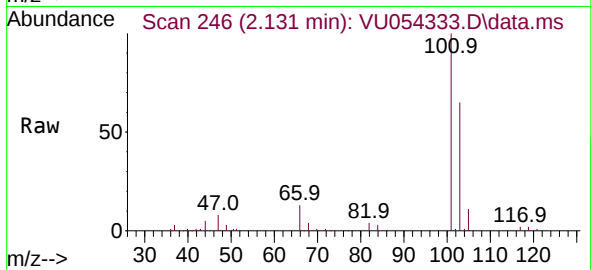




#7
Trichlorofluoromethane
Concen: 19.677 ug/l
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

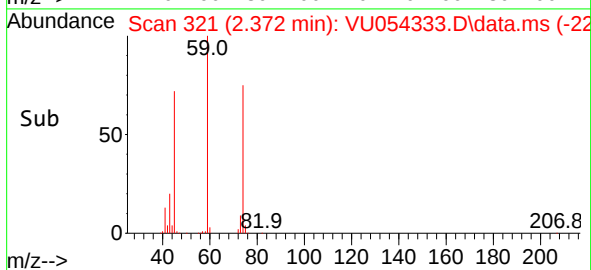
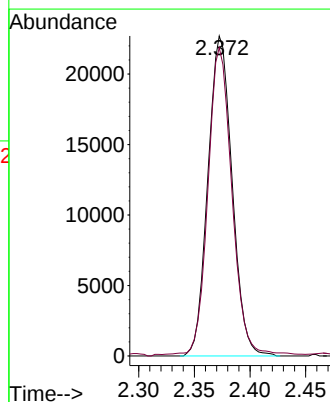
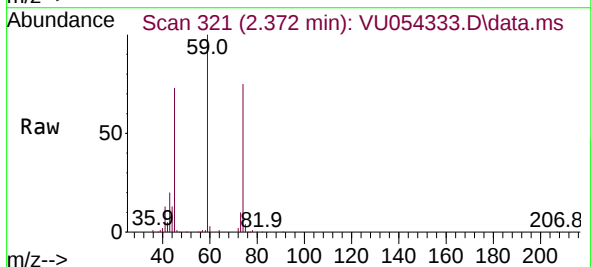
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

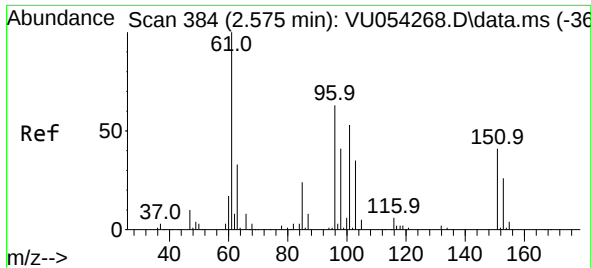
Tgt Ion:101 Resp: 81501
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8



#8
Diethyl Ether
Concen: 22.369 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 74 Resp: 34300
Ion Ratio Lower Upper
74 100
45 96.8 44.4 133.2

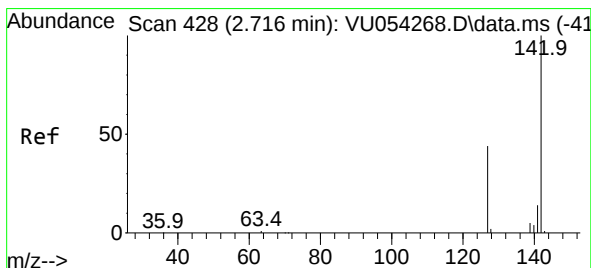
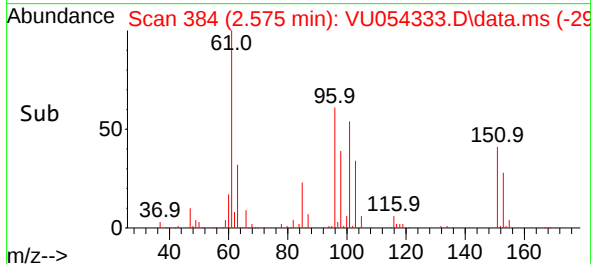
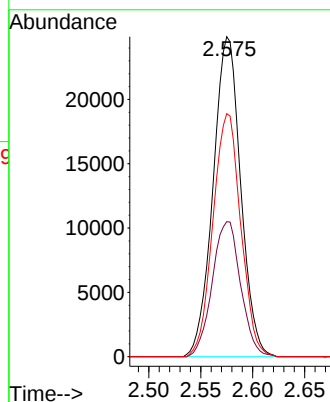
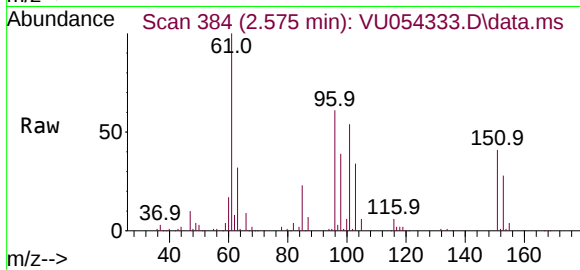




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.498 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

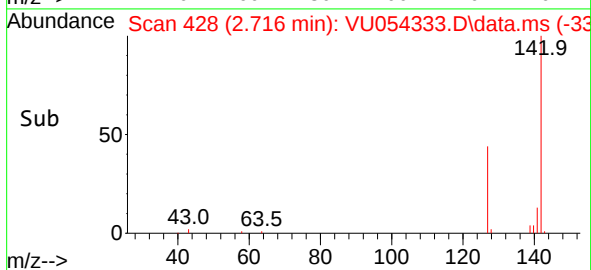
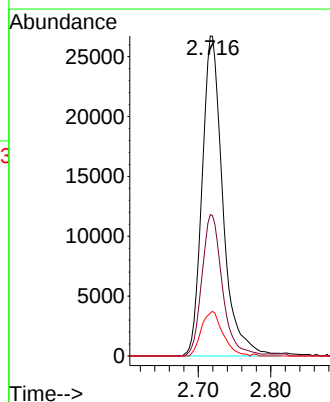
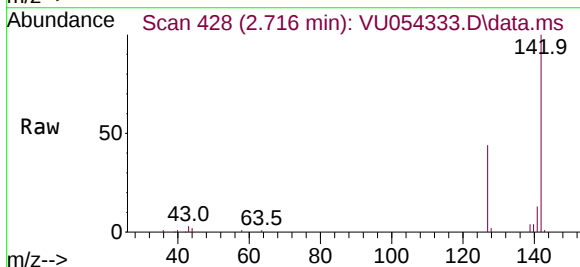
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

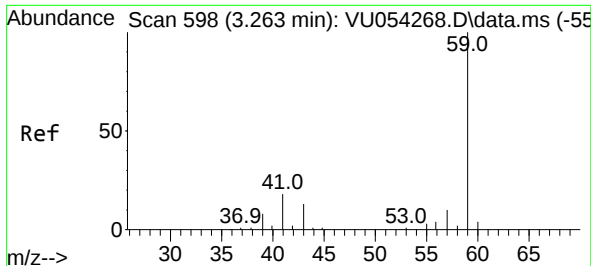
Tgt Ion:	101	Resp:	45968
Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.9	50.9
151	76.3	64.0	96.0



#10
Methyl Iodide
Concen: 21.185 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion:	142	Resp:	53125
Ion	Ratio	Lower	Upper
142	100		
127	43.8	32.5	48.7
141	14.4	11.4	17.0

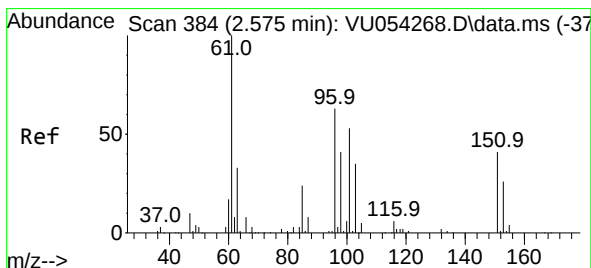
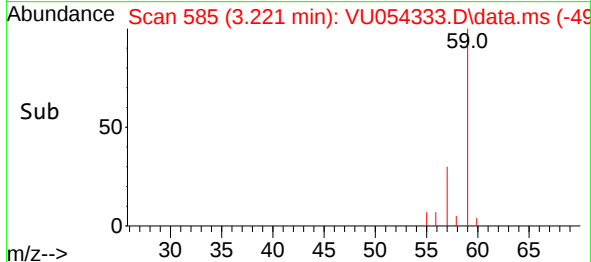
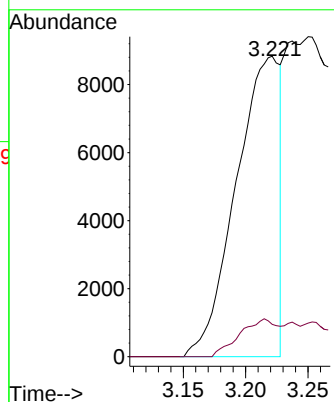
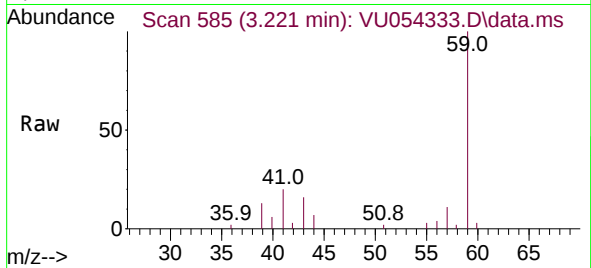




#11
Tert butyl alcohol
Concen: 28.118 ug/l
RT: 3.221 min Scan# 598
Delta R.T. -0.022 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

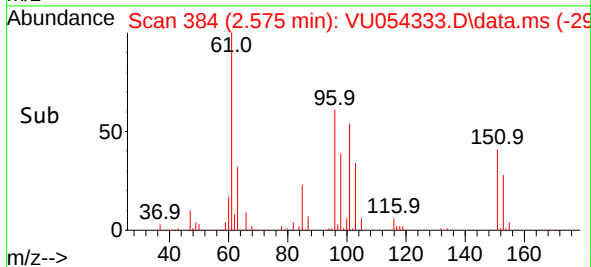
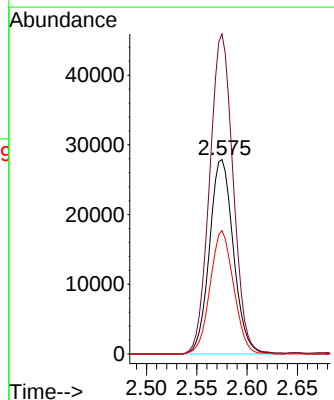
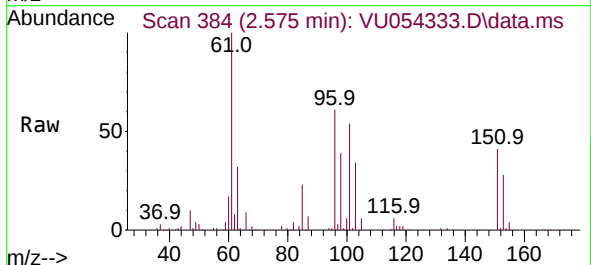
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

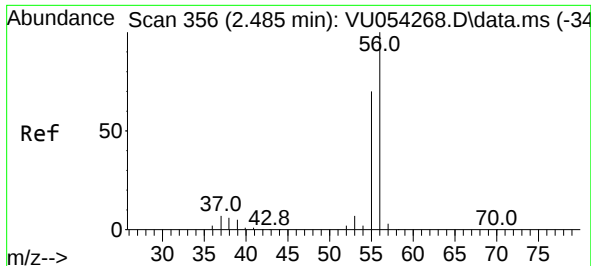
Tgt Ion: 59 Resp: 21493
Ion Ratio Lower Upper
59 100
57 10.9 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 19.924 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 96 Resp: 46264
Ion Ratio Lower Upper
96 100
61 164.6 122.2 183.2
98 63.5 50.7 76.1





#13

Acrolein

Concen: 88.356 ug/l

RT: 2.485 min Scan# 356

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

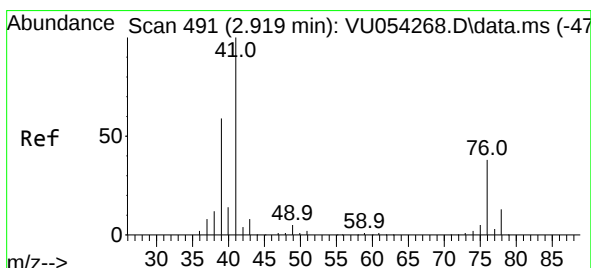
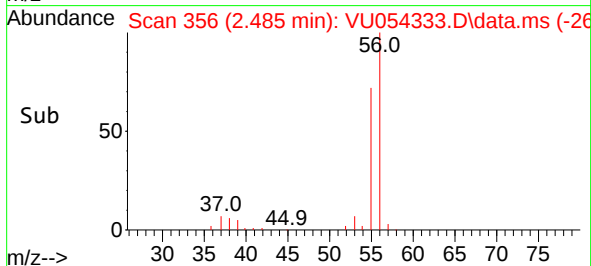
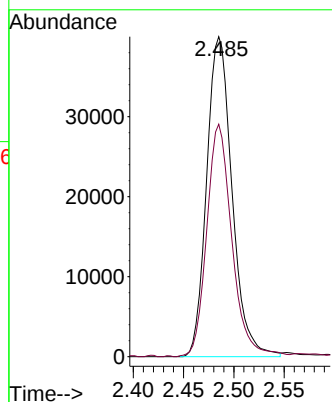
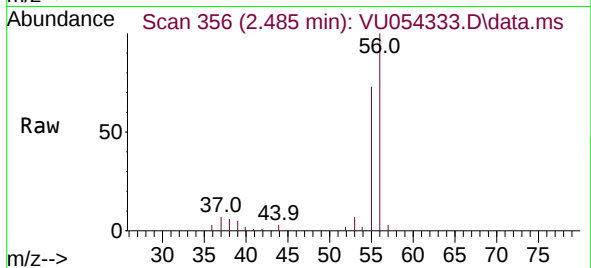
VU0531WBSD01

Tgt Ion: 56 Resp: 70261

Ion Ratio Lower Upper

56 100

55 72.0 56.6 85.0



#14

Allyl chloride

Concen: 21.660 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

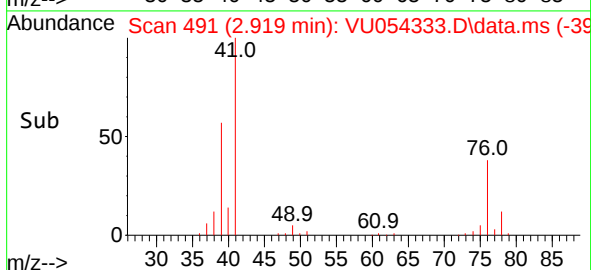
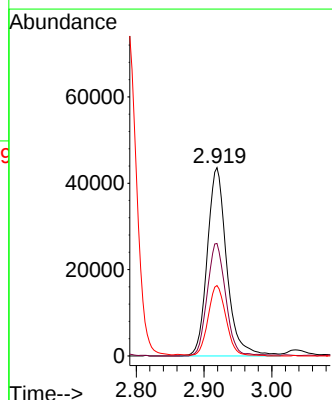
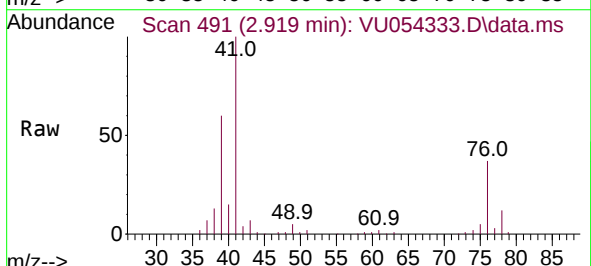
Tgt Ion: 41 Resp: 87204

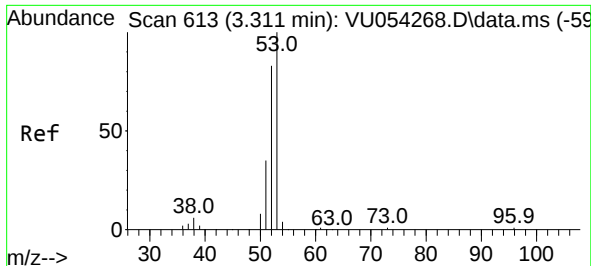
Ion Ratio Lower Upper

41 100

39 56.7 53.4 80.2

76 34.5 33.8 50.6

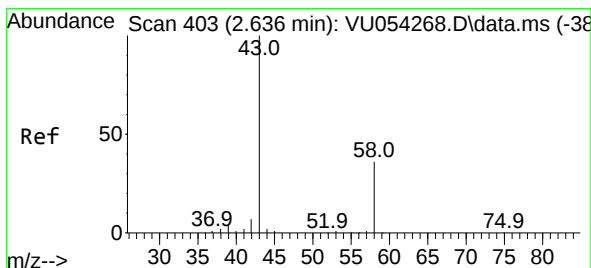
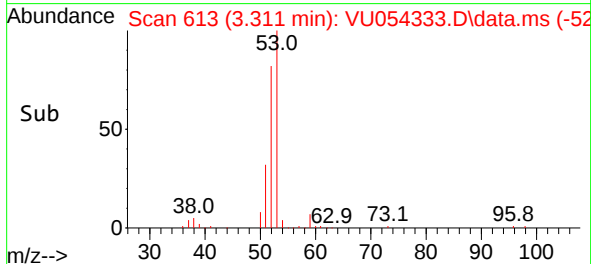
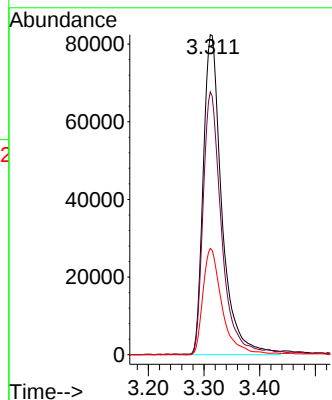
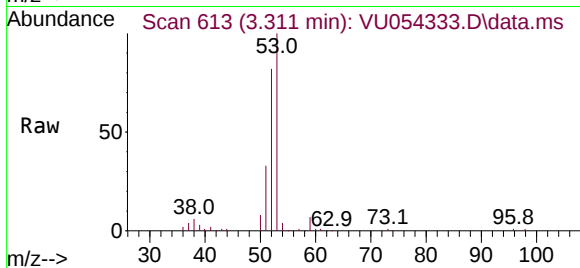




#15
Acrylonitrile
Concen: 111.715 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

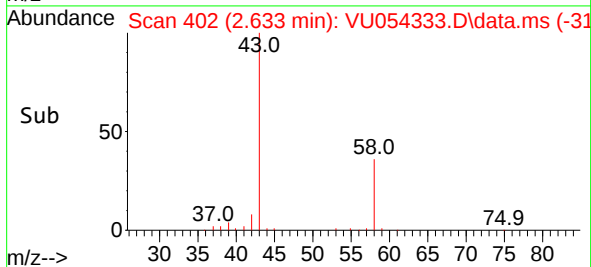
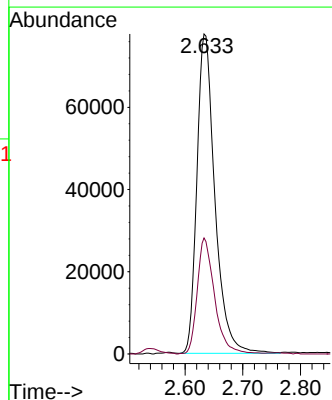
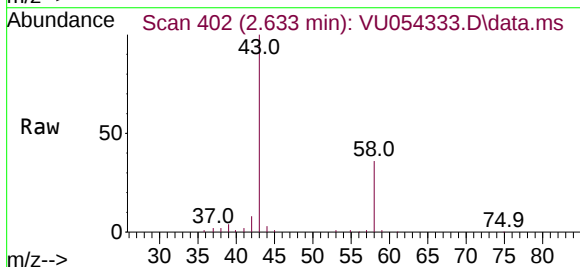
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

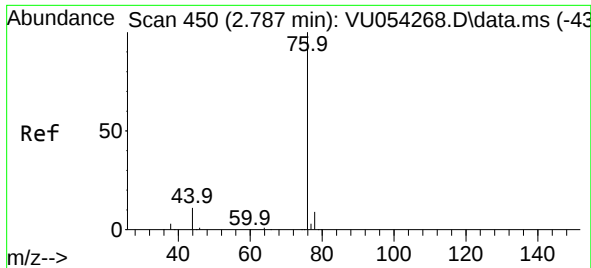
Tgt Ion: 53 Resp: 191460
Ion Ratio Lower Upper
53 100
52 80.6 65.7 98.5
51 34.1 28.2 42.4



#16
Acetone
Concen: 103.632 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 43 Resp: 168098
Ion Ratio Lower Upper
43 100
58 36.2 27.5 41.3

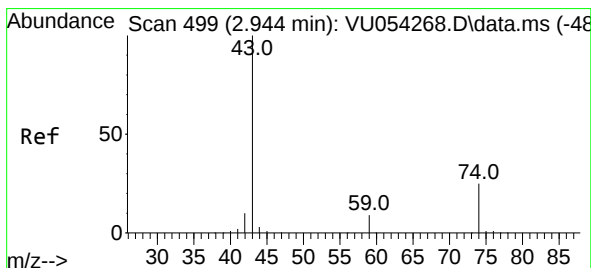
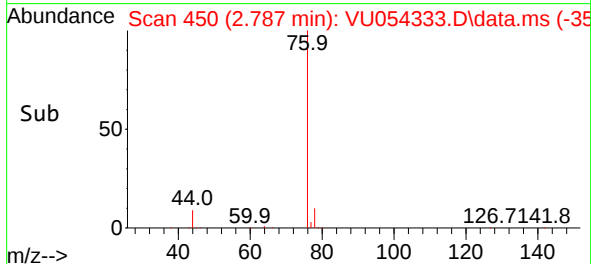
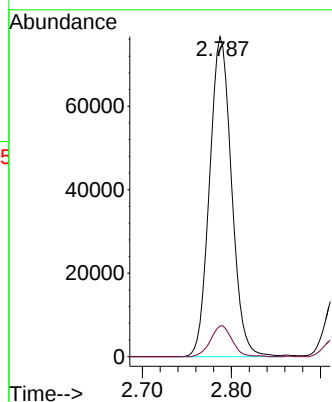
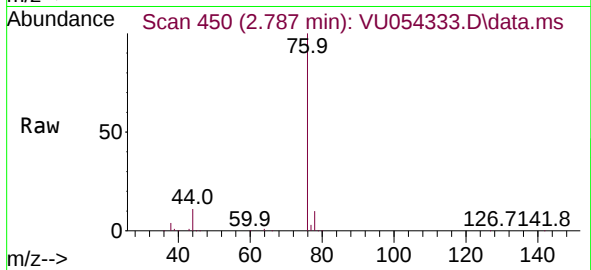




#17
Carbon Disulfide
Concen: 19.179 ug/l
RT: 2.787 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

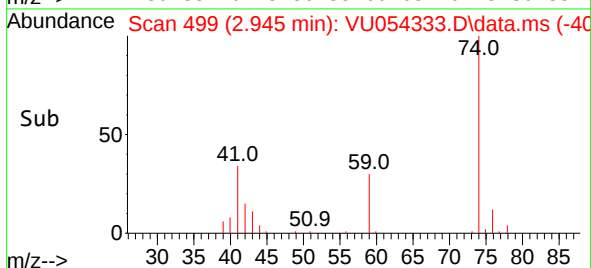
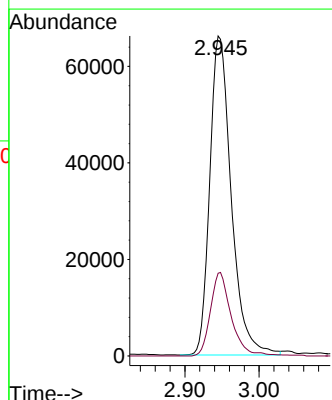
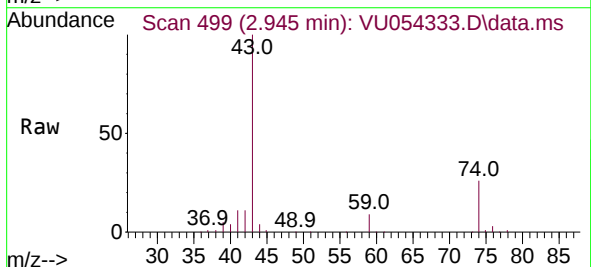
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

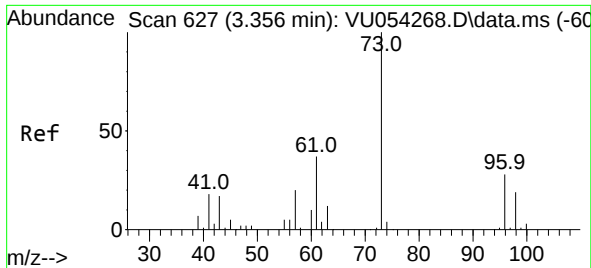
Tgt Ion: 76 Resp: 131614
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 22.410 ug/l
RT: 2.945 min Scan# 499
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 43 Resp: 132724
Ion Ratio Lower Upper
43 100
74 25.3 22.5 33.7

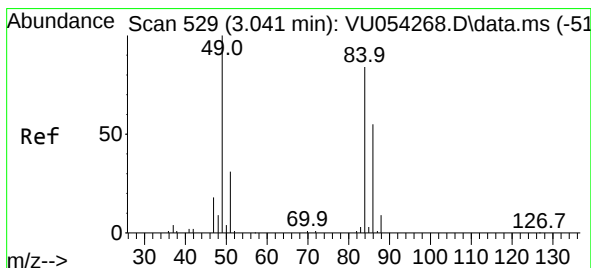
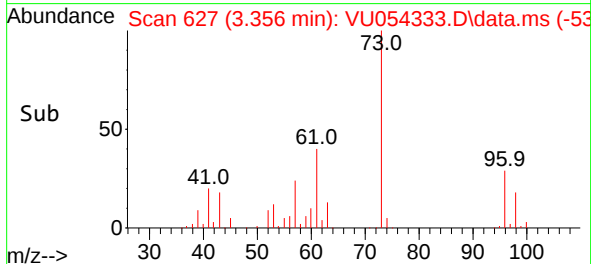
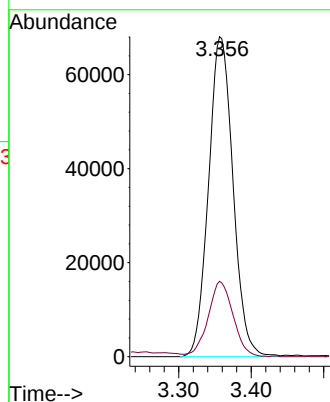
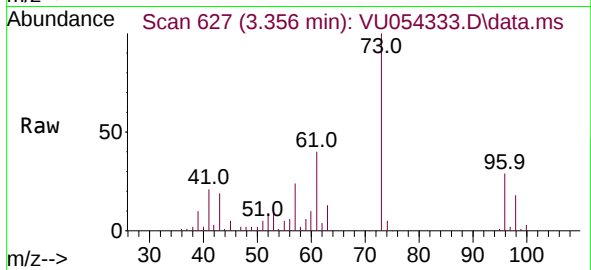




#19
Methyl tert-butyl Ether
Concen: 20.977 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

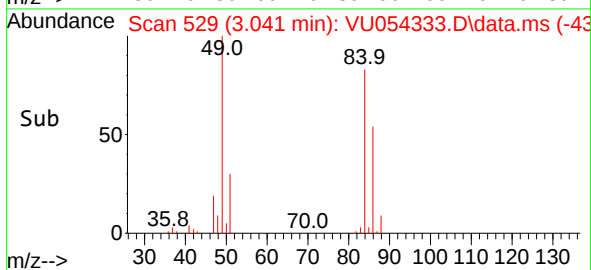
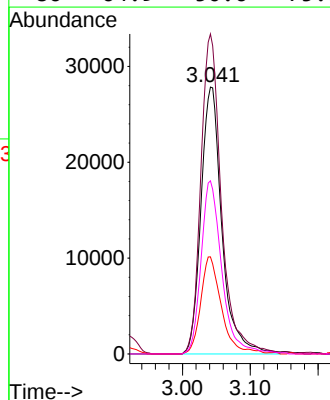
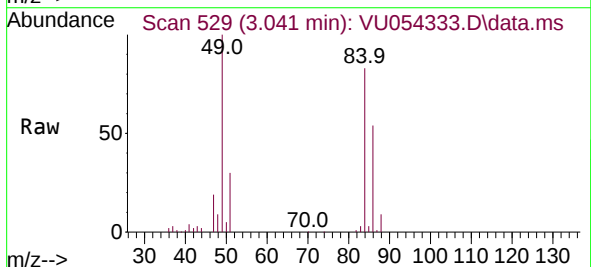
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

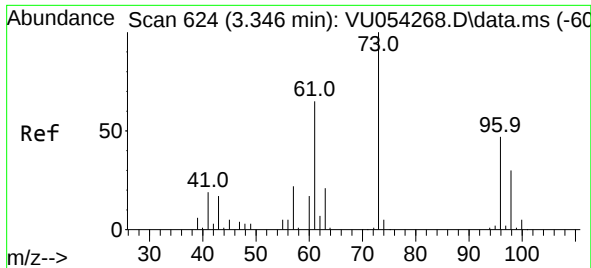
Tgt Ion: 73 Resp: 159440
Ion Ratio Lower Upper
73 100
57 23.5 17.1 25.7



#20
Methylene Chloride
Concen: 20.466 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 84 Resp: 59890
Ion Ratio Lower Upper
84 100
49 119.9 86.6 129.8
51 36.4 26.6 40.0
86 64.9 50.6 75.8

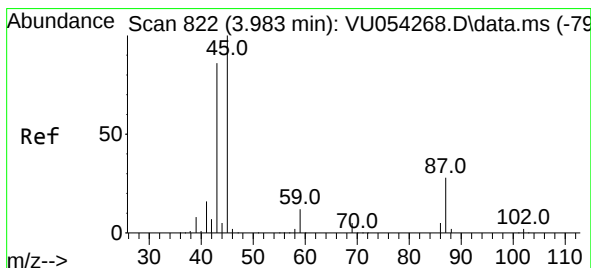
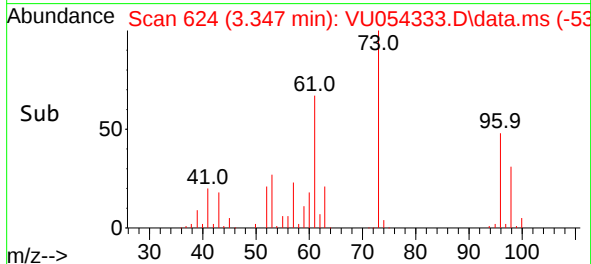
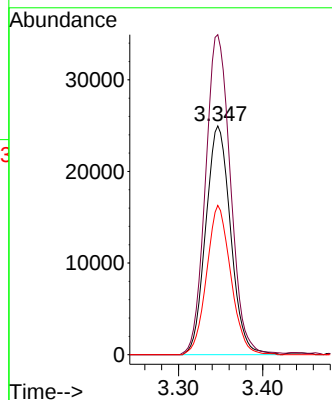
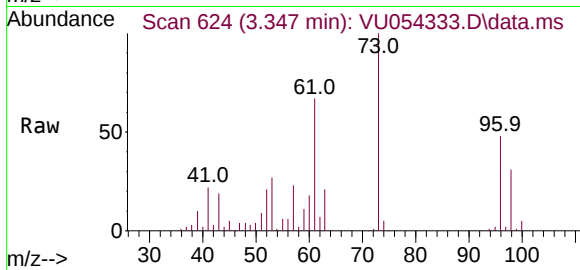




#21
trans-1,2-Dichloroethene
Concen: 20.615 ug/l
RT: 3.347 min Scan# 612
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

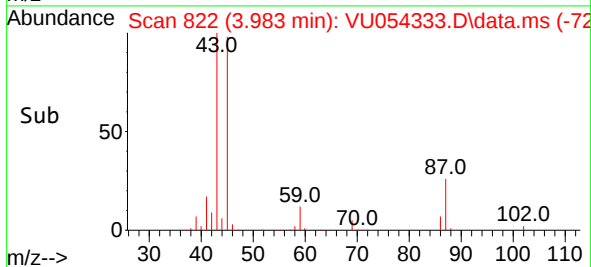
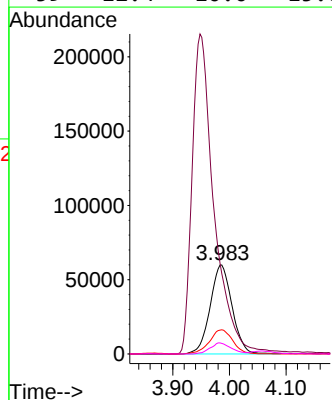
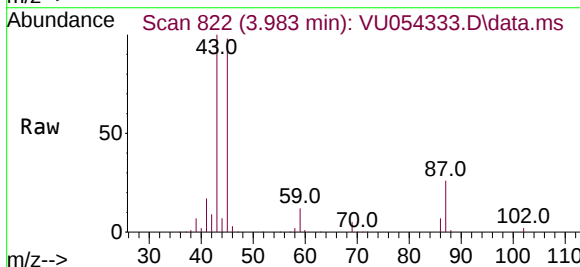
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

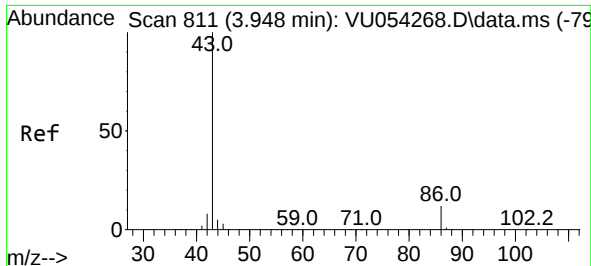
Tgt Ion: 96 Resp: 51247
Ion Ratio Lower Upper
96 100
61 139.8 106.1 159.1
98 65.3 50.8 76.2



#22
Diisopropyl ether
Concen: 22.589 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 45 Resp: 161192
Ion Ratio Lower Upper
45 100
43 100.8 92.9 139.3
87 26.8 26.2 39.2
59 12.4 10.0 15.0

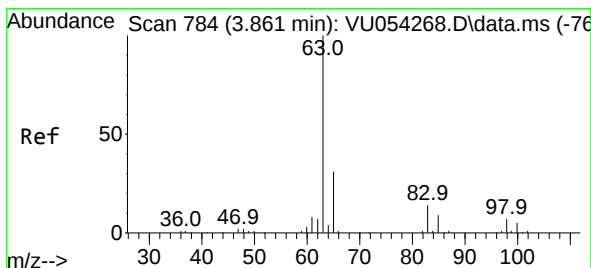
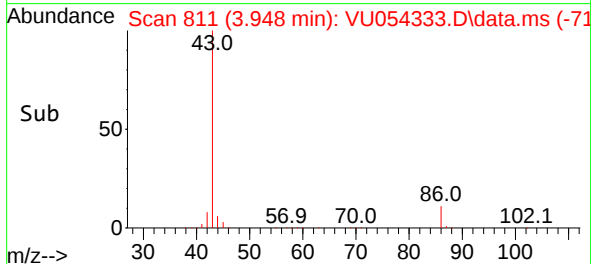
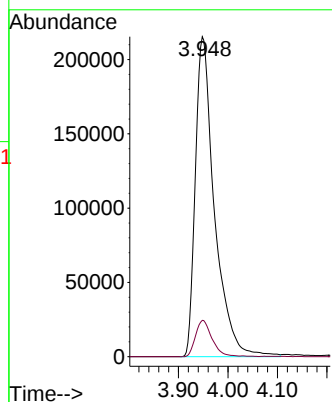
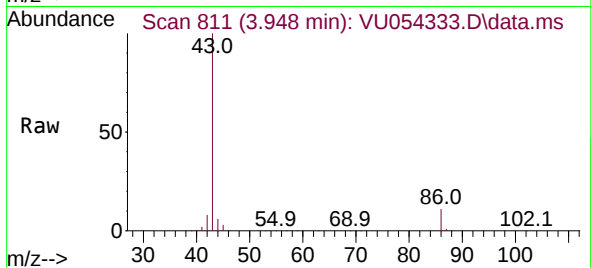




#23
 Vinyl Acetate
 Concen: 111.478 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054333.D
 Acq: 31 May 2023 13:04

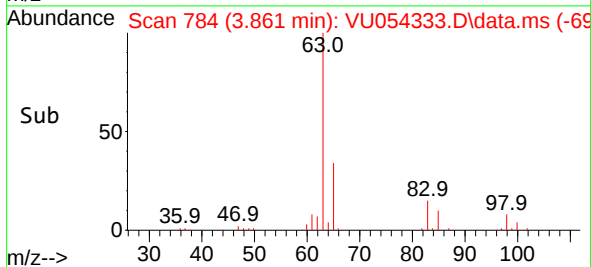
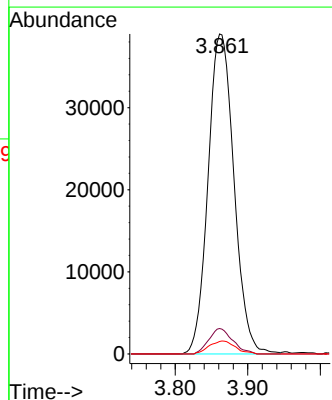
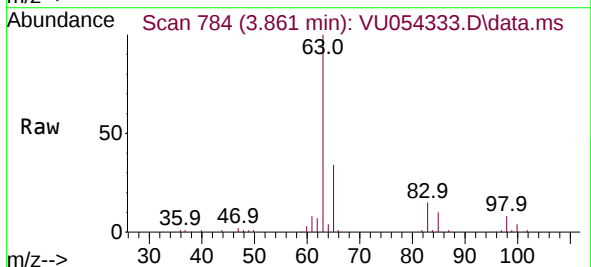
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

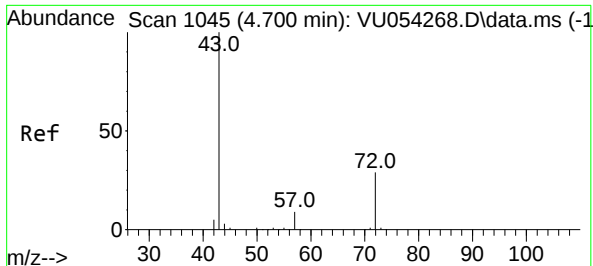
Tgt Ion: 43 Resp: 580453
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 21.173 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VU054333.D
 Acq: 31 May 2023 13:04

Tgt Ion: 63 Resp: 96744
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 112.212 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

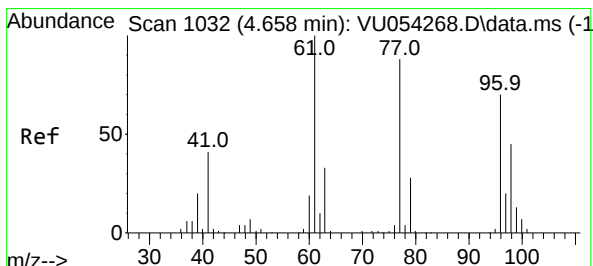
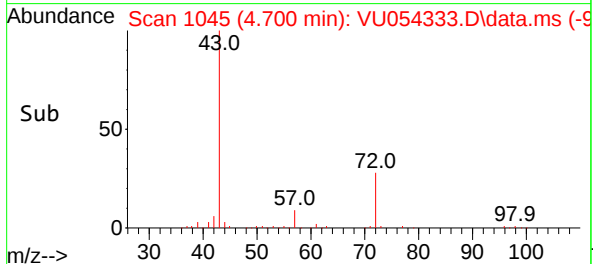
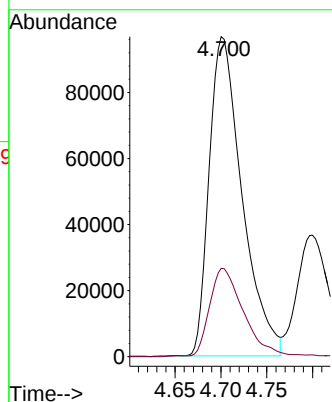
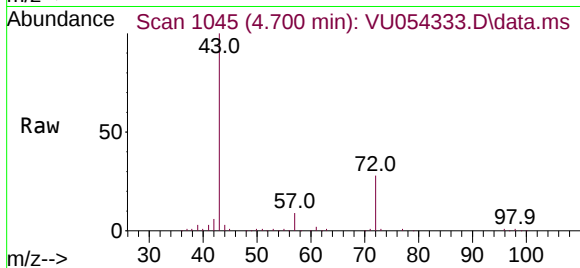
VU0531WBSD01

Tgt Ion: 43 Resp: 240990

Ion Ratio Lower Upper

43 100

72 27.3 23.8 35.6



#26

2,2-Dichloropropane

Concen: 20.461 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054333.D

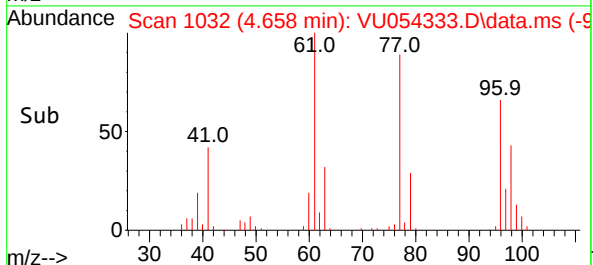
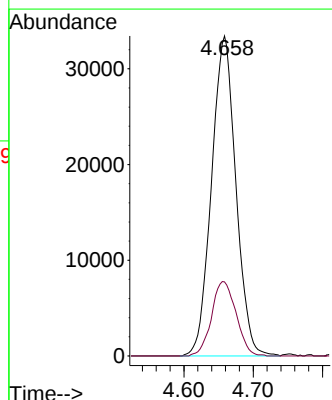
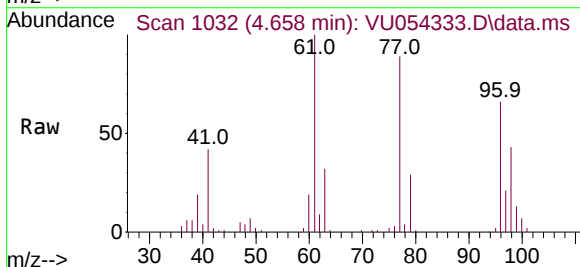
Acq: 31 May 2023 13:04

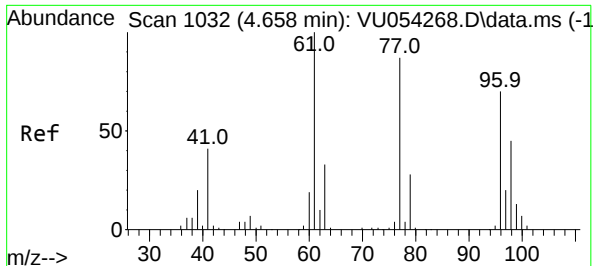
Tgt Ion: 77 Resp: 81700

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8

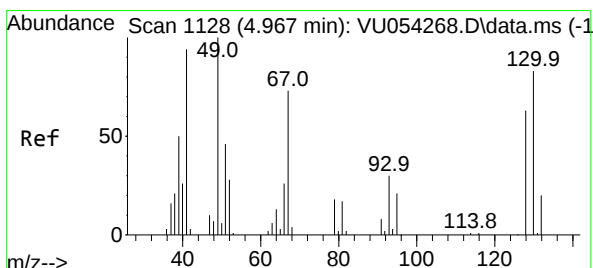
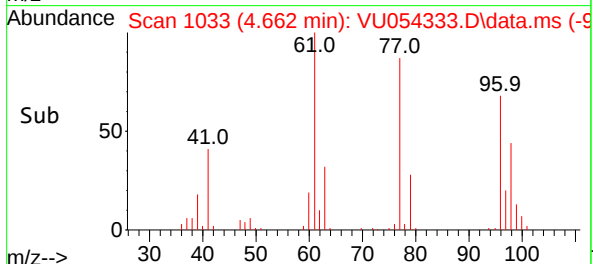
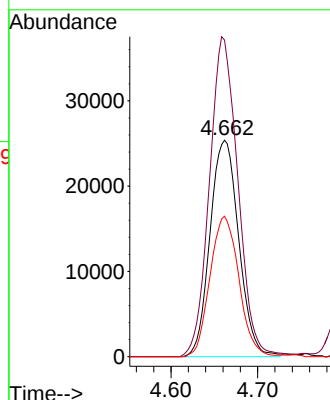
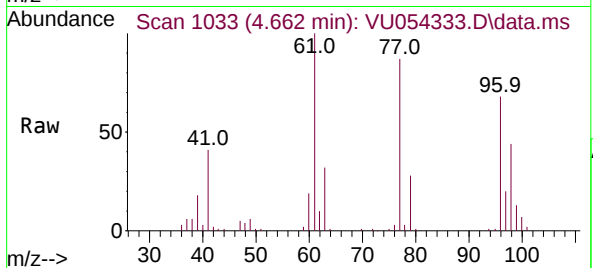




#27
 cis-1,2-Dichloroethene
 Concen: 21.168 ug/l
 RT: 4.662 min Scan# 1032
 Delta R.T. 0.004 min
 Lab File: VU054333.D
 Acq: 31 May 2023 13:04

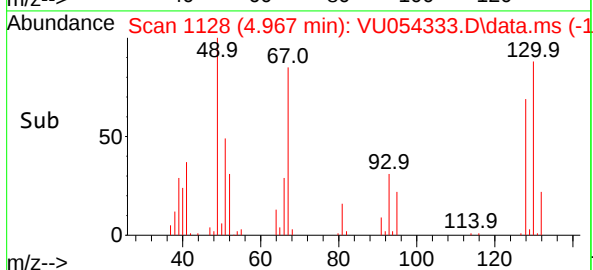
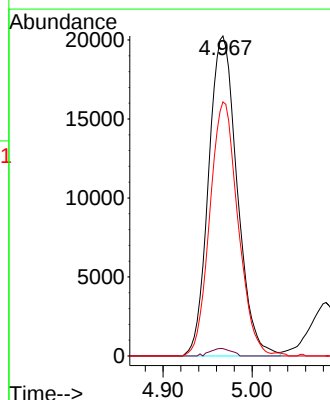
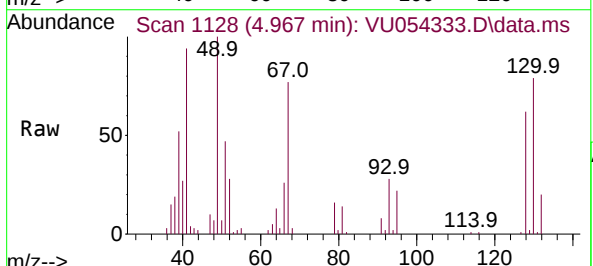
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

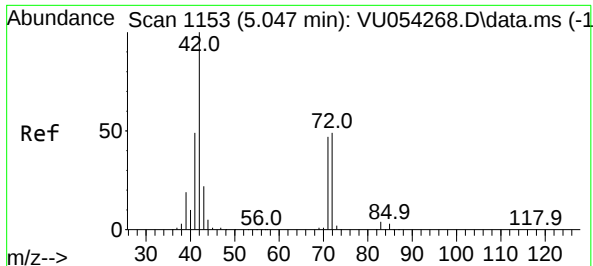
Tgt Ion:	96	Resp:	58540
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	271.6
98	65.1	0.0	128.2



#28
 Bromochloromethane
 Concen: 21.390 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VU054333.D
 Acq: 31 May 2023 13:04

Tgt Ion:	49	Resp:	45226
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	78.0	76.9	115.3

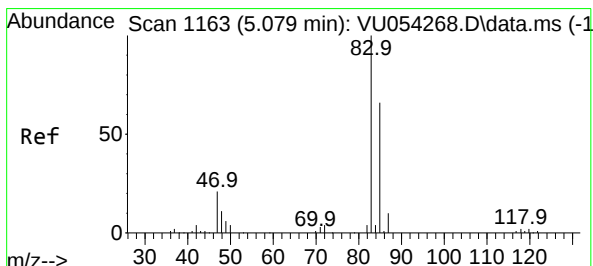
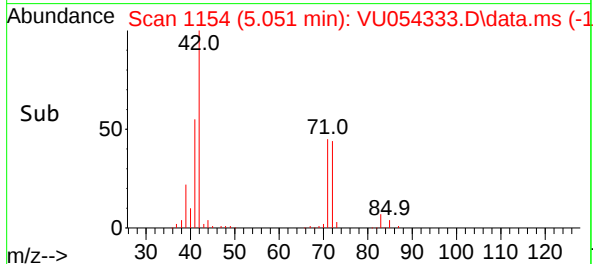
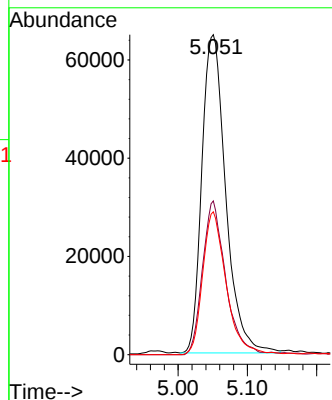
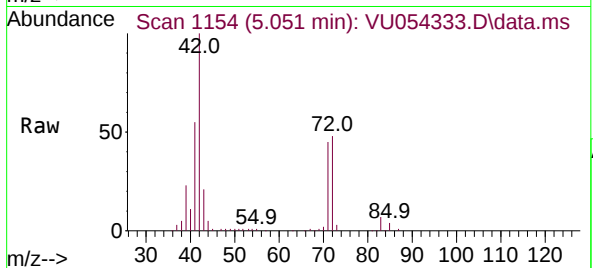




#29
Tetrahydrofuran
Concen: 114.785 ug/l
RT: 5.051 min Scan# 1153
Delta R.T. 0.004 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

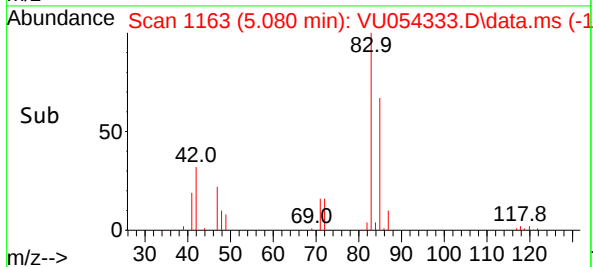
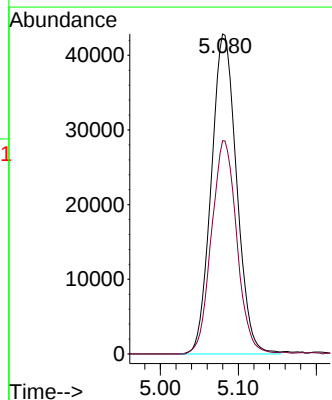
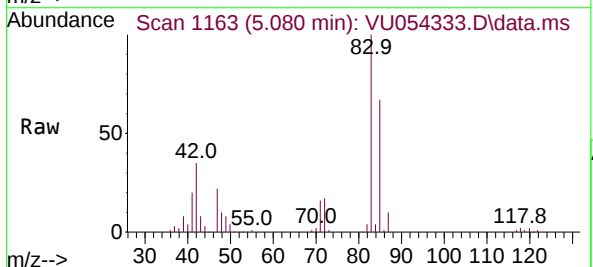
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

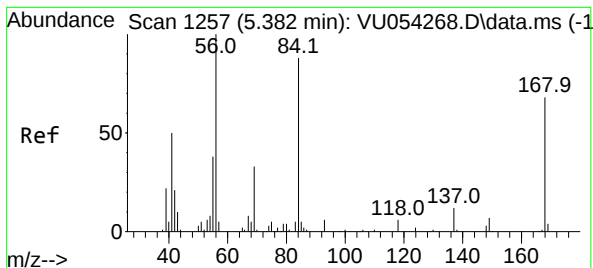
Tgt Ion: 42 Resp: 154954
Ion Ratio Lower Upper
42 100
72 46.7 42.6 63.8
71 44.0 40.3 60.5



#30
Chloroform
Concen: 20.843 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 83 Resp: 96807
Ion Ratio Lower Upper
83 100
85 66.6 51.2 76.8





#31

Cyclohexane

Concen: 20.698 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

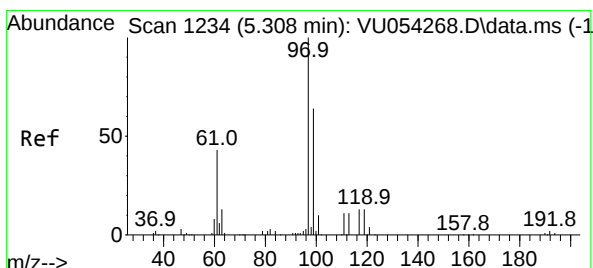
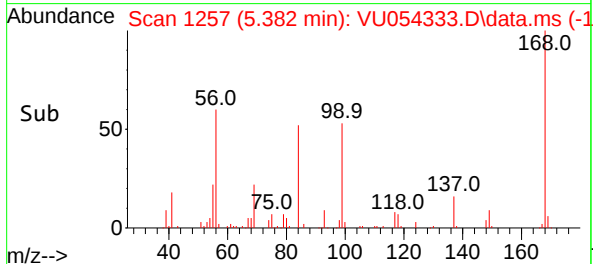
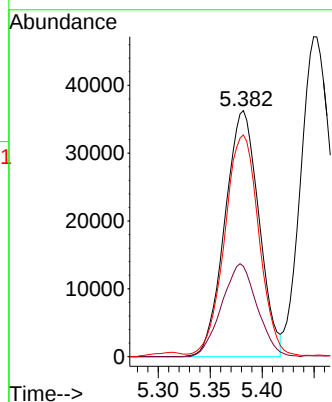
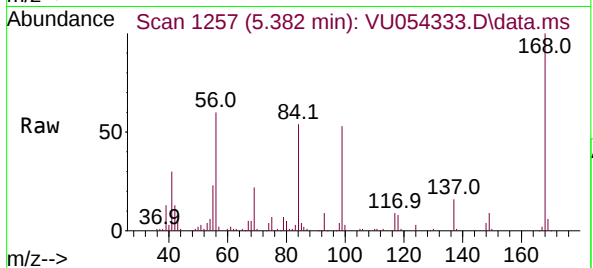
Tgt Ion: 56 Resp: 82705

Ion Ratio Lower Upper

56 100

69 36.7 27.8 41.8

84 88.8 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 20.693 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

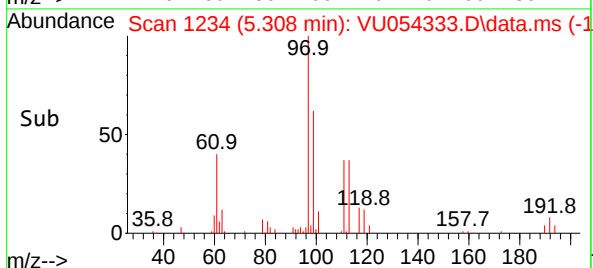
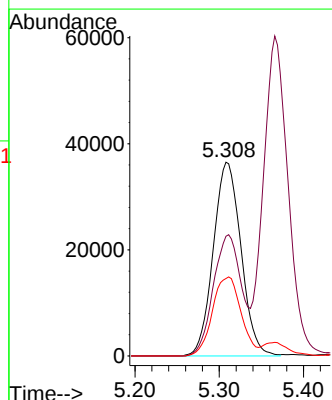
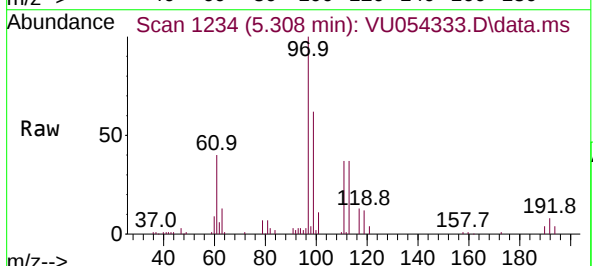
Tgt Ion: 97 Resp: 83443

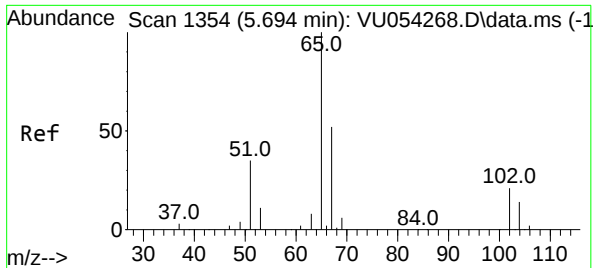
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.022 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

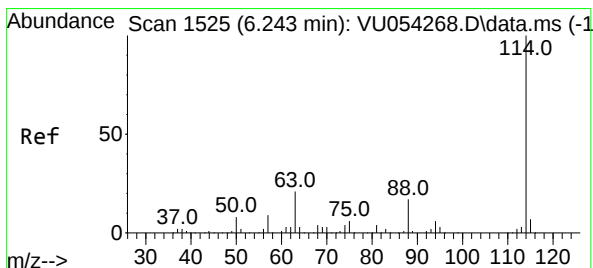
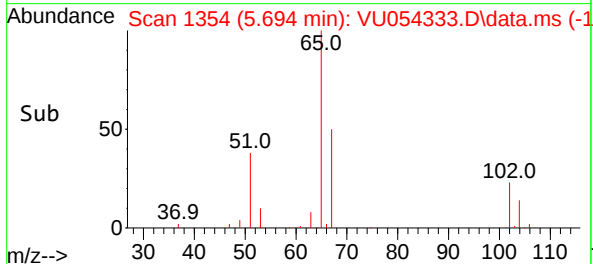
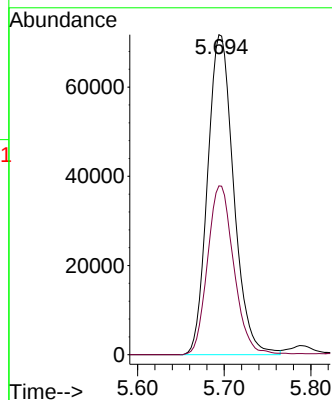
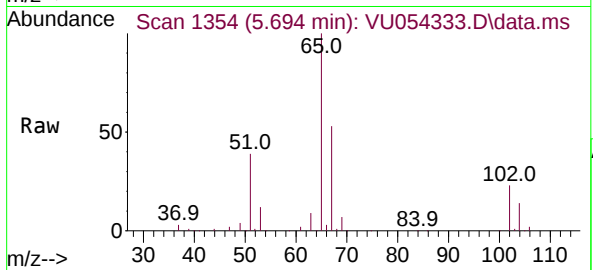
VU0531WBSD01

Tgt Ion: 65 Resp: 150041

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

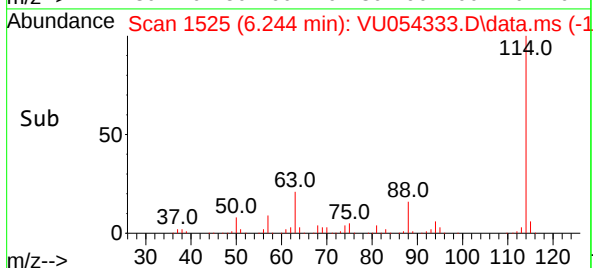
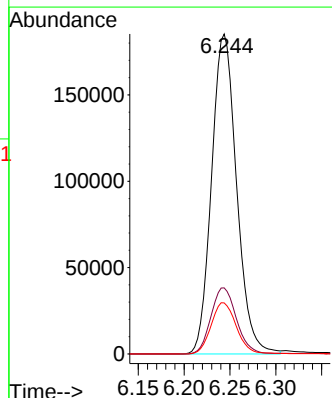
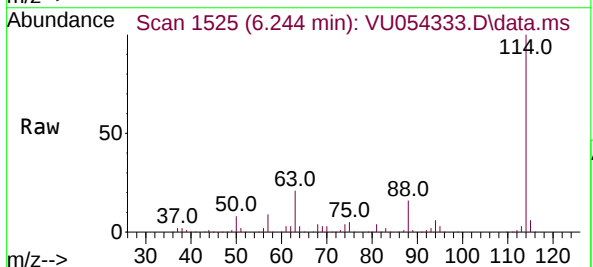
Tgt Ion: 114 Resp: 351758

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.8

88 16.0 0.0 29.2

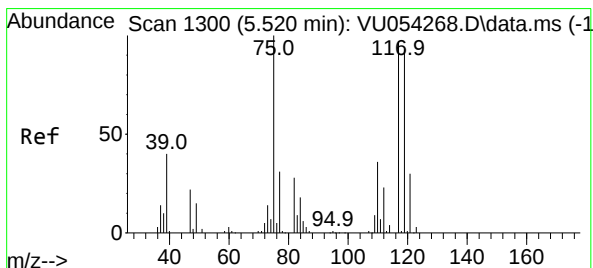
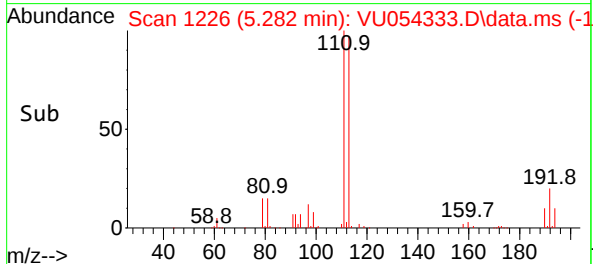
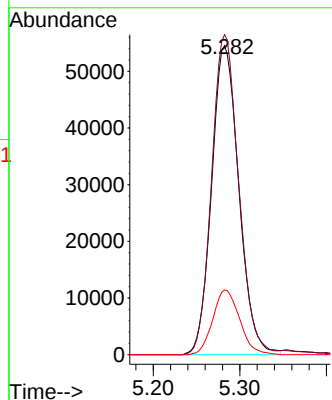
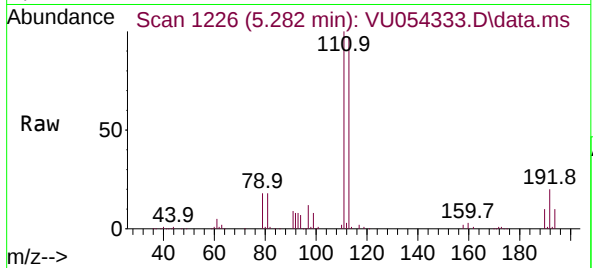




#35
Dibromofluoromethane
Concen: 52.638 ug/l
RT: 5.282 min Scan# 119238
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

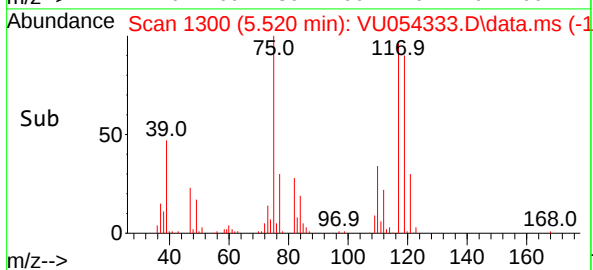
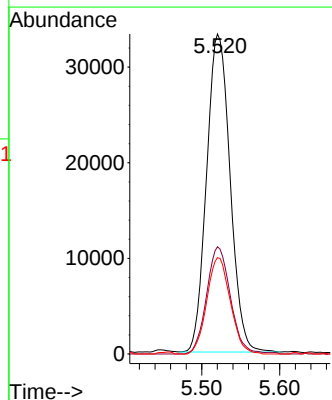
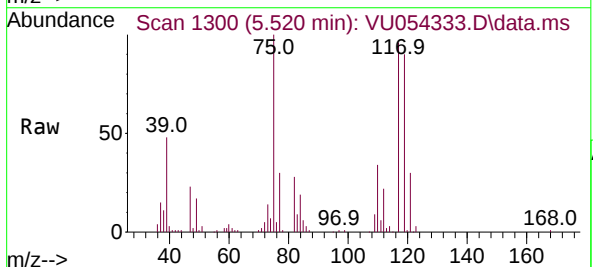
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

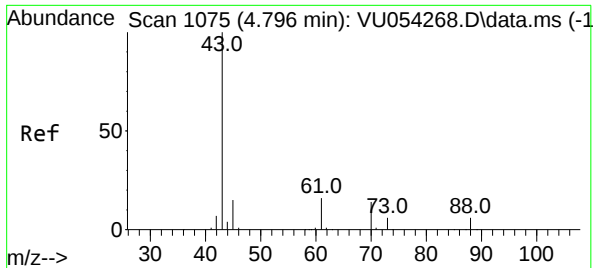
Tgt Ion:113 Resp: 119238
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 20.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 19.581 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 75 Resp: 69667
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 21.087 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

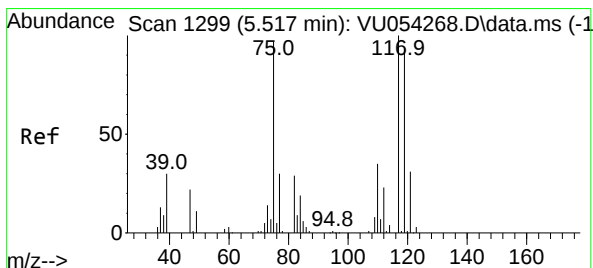
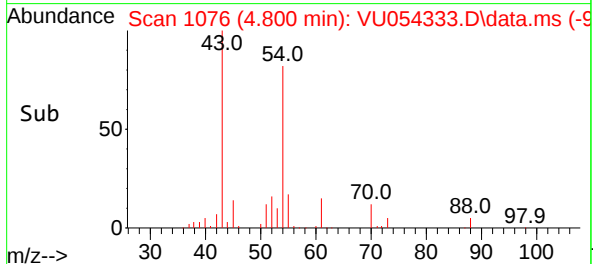
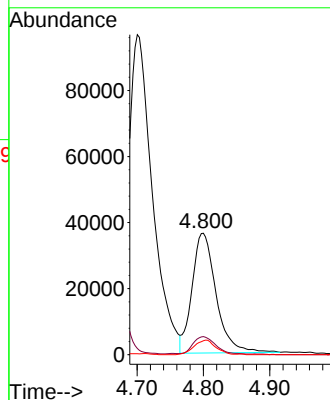
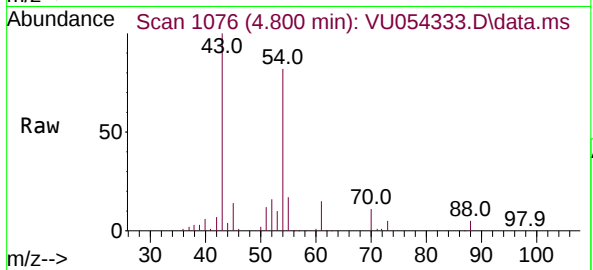
Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

Tgt Ion: 43	Resp: 91436
Ion Ratio	Lower Upper
43	100
61	13.5 9.5 14.3
70	11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 19.298 ug/l

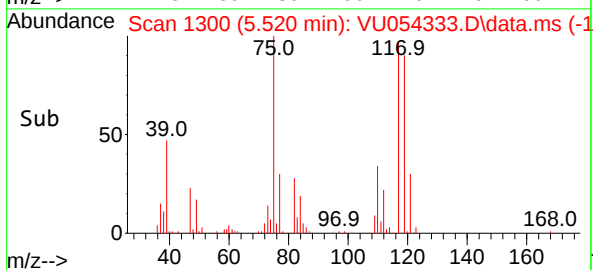
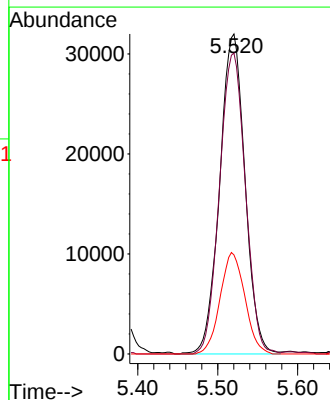
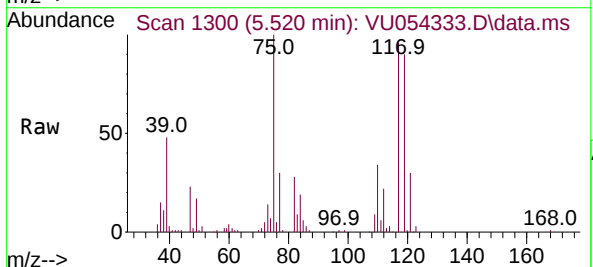
RT: 5.520 min Scan# 1300

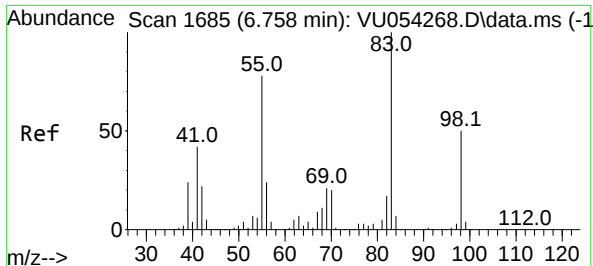
Delta R.T. 0.003 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Tgt Ion: 117	Resp: 70277
Ion Ratio	Lower Upper
117	100
119	94.0 76.8 115.2
121	31.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.056 ug/l

RT: 6.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

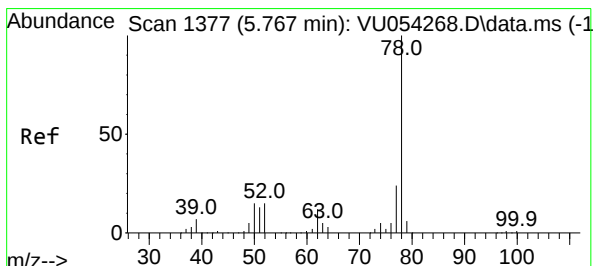
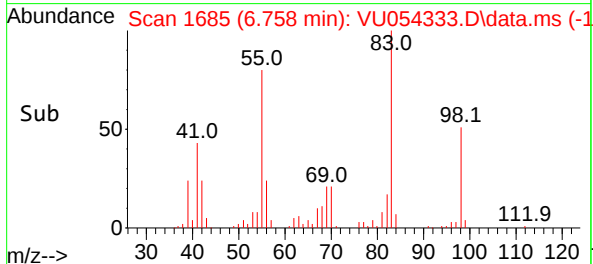
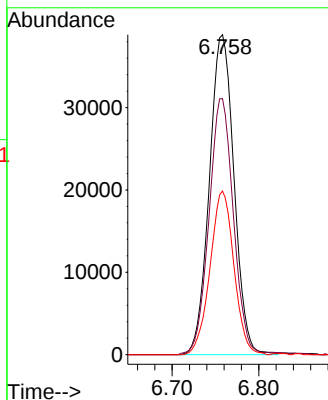
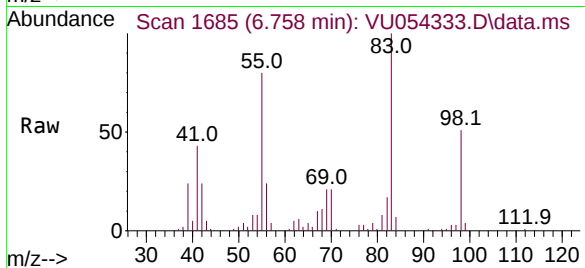
Tgt Ion: 83 Resp: 76796

Ion Ratio Lower Upper

83 100

55 80.0 55.3 82.9

98 51.1 37.3 55.9



#40

Benzene

Concen: 21.123 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VU054333.D

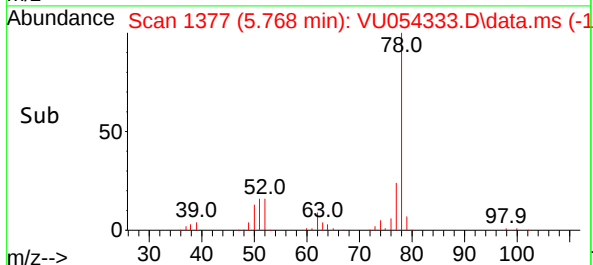
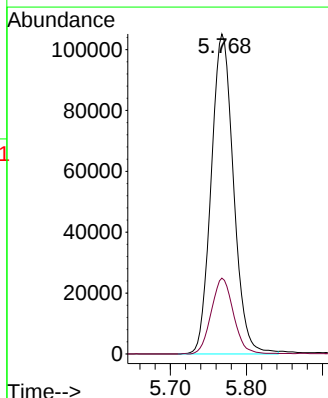
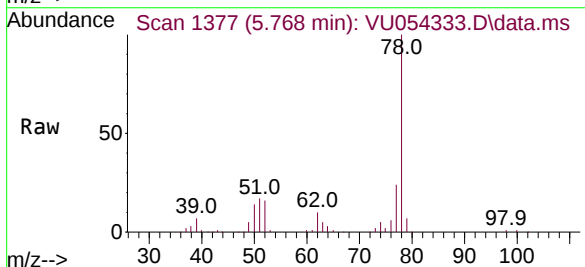
Acq: 31 May 2023 13:04

Tgt Ion: 78 Resp: 214369

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2



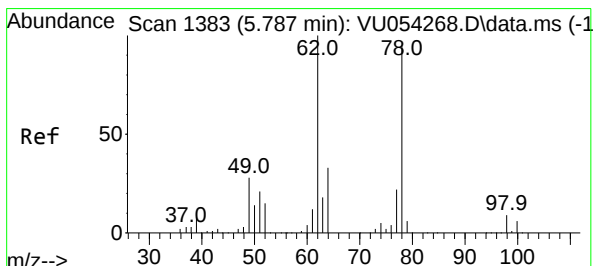
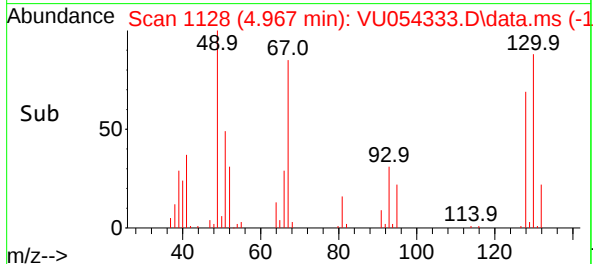
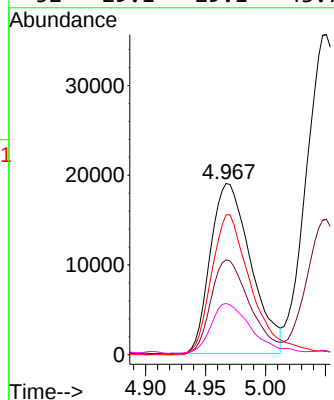
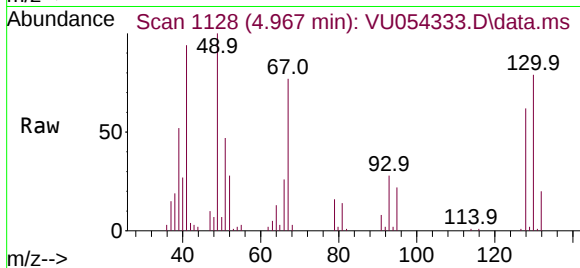


#41
Methacrylonitrile
Concen: 22.211 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

Tgt Ion: 41 Resp: 44512

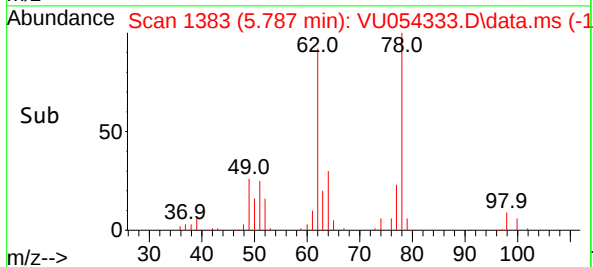
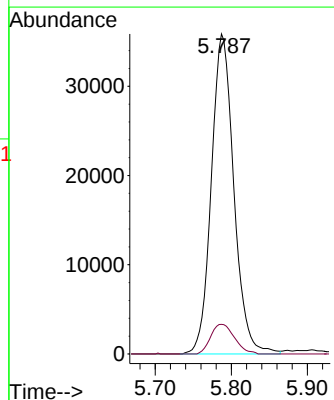
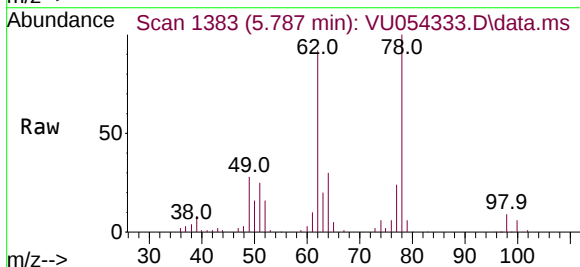
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.1	64.7
67	82.0	72.3	108.5
52	29.1	29.1	43.7



#42
1,2-Dichloroethane
Concen: 20.039 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 62 Resp: 73879

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 21.304 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

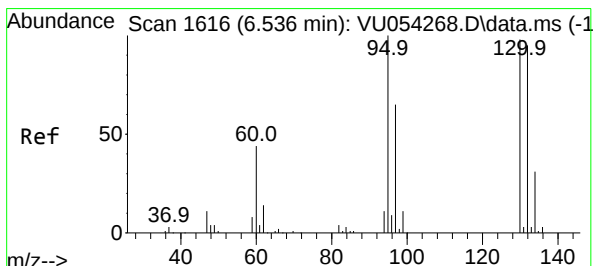
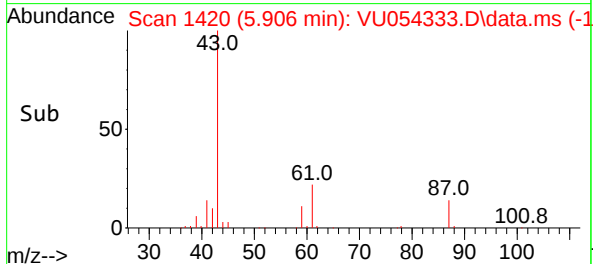
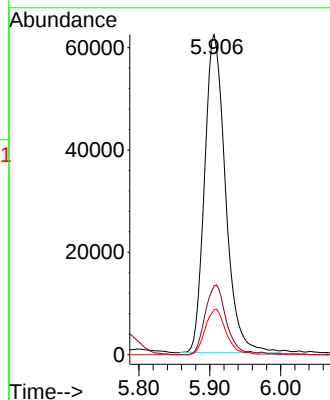
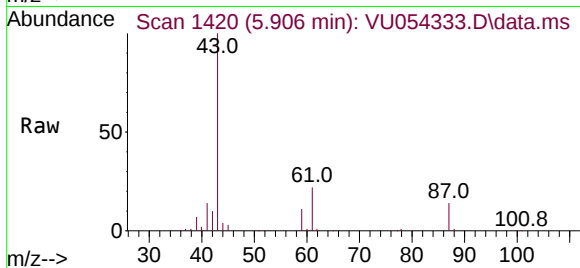
Tgt Ion: 43 Resp: 127417

Ion Ratio Lower Upper

43 100

61 22.1 17.4 26.0

87 14.1 12.6 18.8



#44

Trichloroethene

Concen: 19.239 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU054333.D

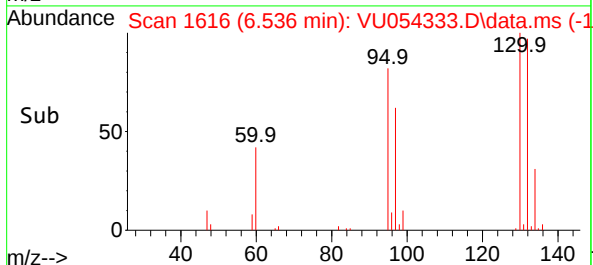
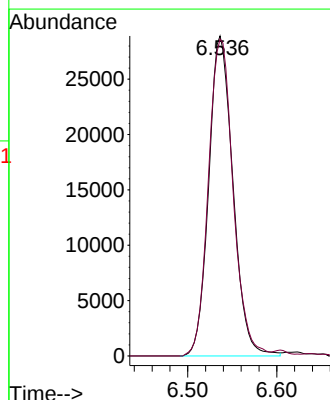
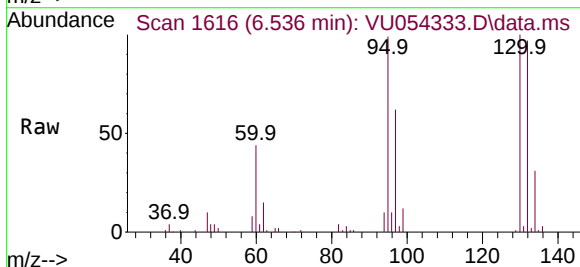
Acq: 31 May 2023 13:04

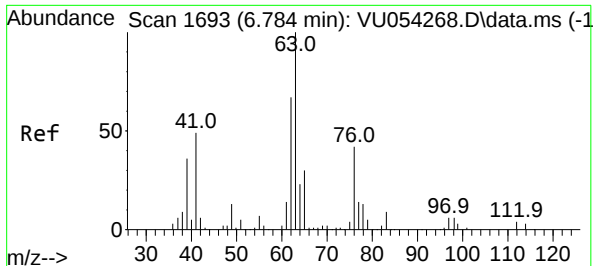
Tgt Ion:130 Resp: 54579

Ion Ratio Lower Upper

130 100

95 99.1 0.0 184.6





#45

1,2-Dichloropropane

Concen: 20.896 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

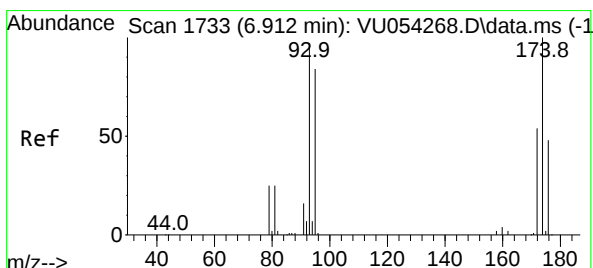
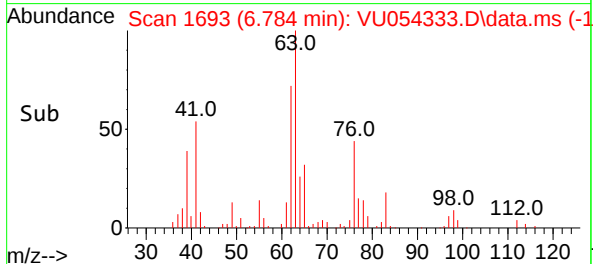
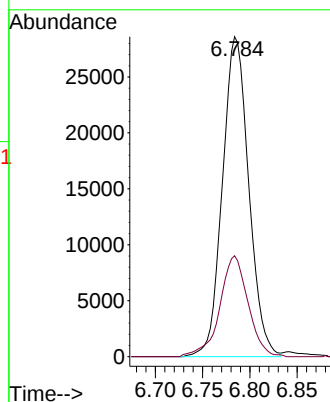
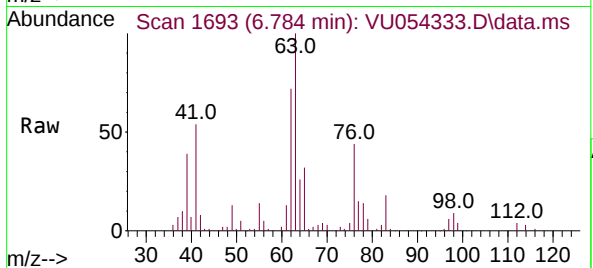
VU0531WBSD01

Tgt Ion: 63 Resp: 55323

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 20.676 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

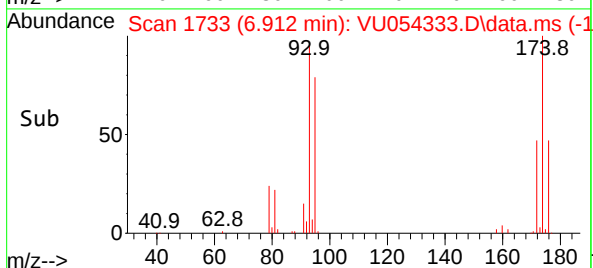
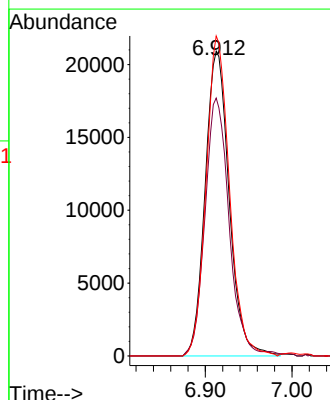
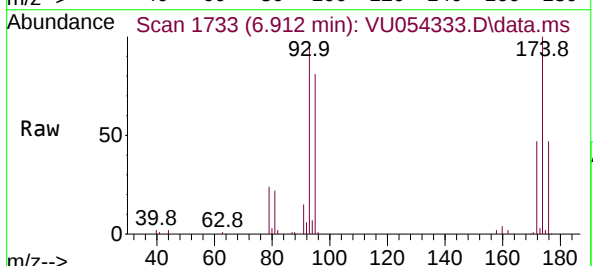
Tgt Ion: 93 Resp: 40293

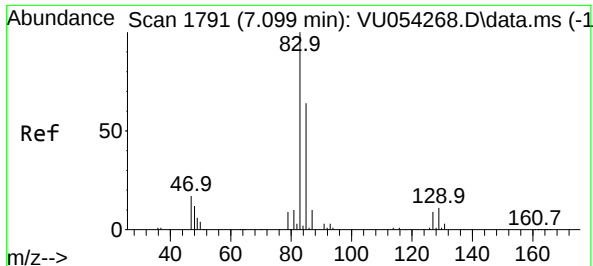
Ion Ratio Lower Upper

93 100

95 84.4 66.3 99.5

174 101.7 88.2 132.4

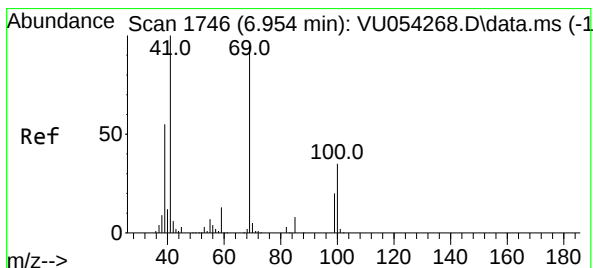
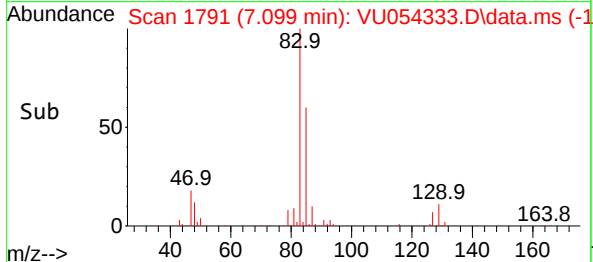
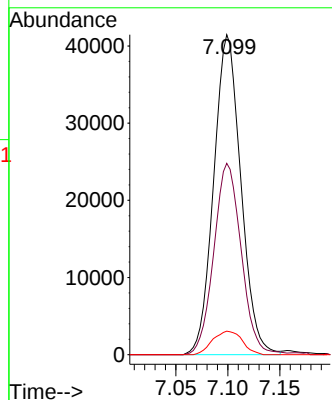
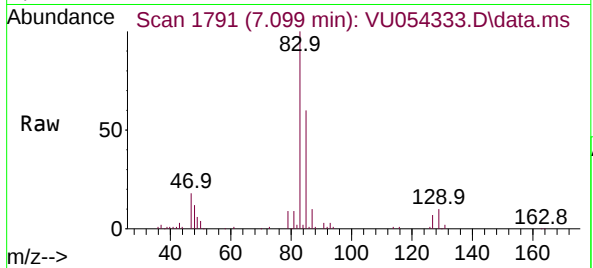




#47
Bromodichloromethane
Concen: 20.690 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

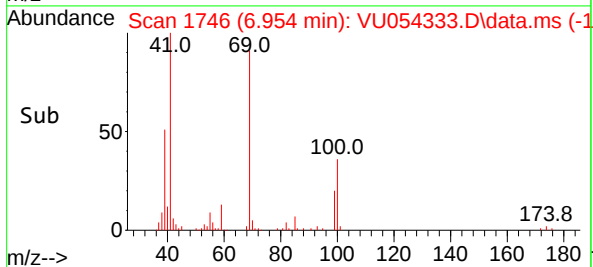
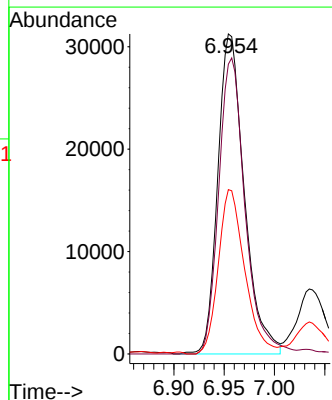
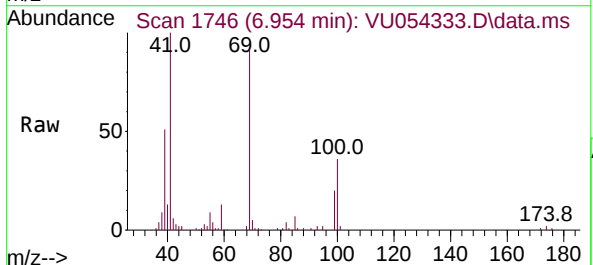
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

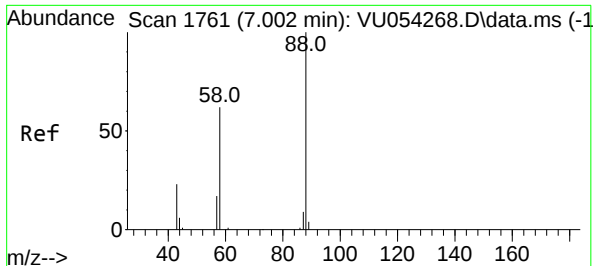
Tgt Ion: 83 Resp: 75405
Ion Ratio Lower Upper
83 100
85 59.8 51.4 77.2
127 7.3 7.1 10.7



#48
Methyl methacrylate
Concen: 21.590 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 41 Resp: 57266
Ion Ratio Lower Upper
41 100
69 91.9 79.8 119.6
39 51.1 47.9 71.9





#49

1,4-Dioxane

Concen: 433.558 ug/l

RT: 7.002 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

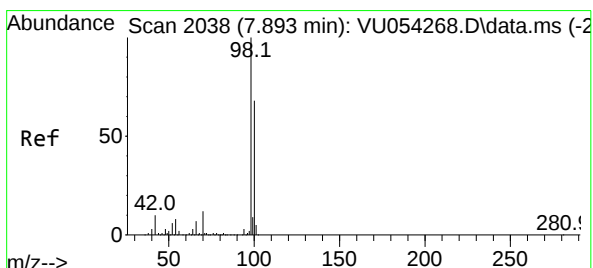
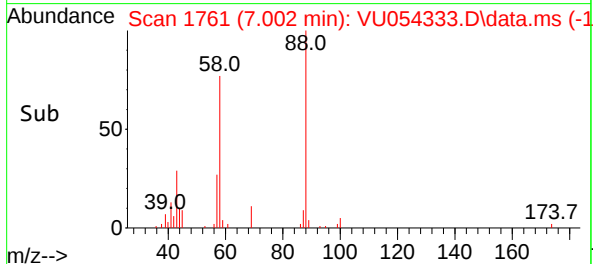
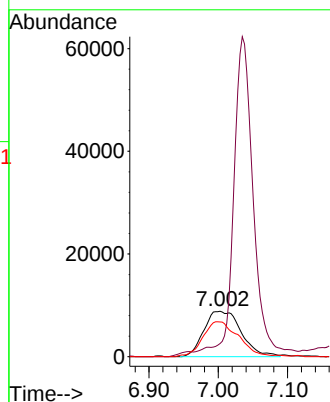
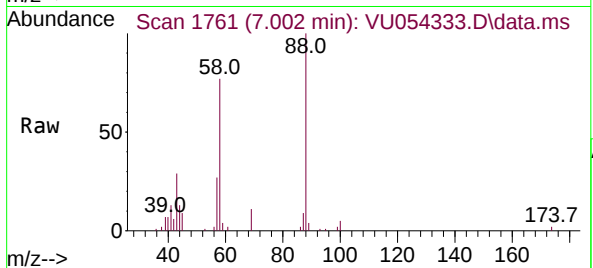
Tgt Ion: 88 Resp: 33199

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.3 15.4 23.0#



#50

Toluene-d8

Concen: 52.452 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU054333.D

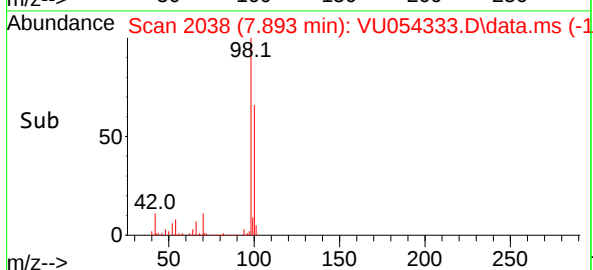
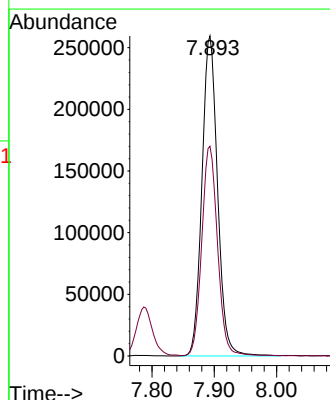
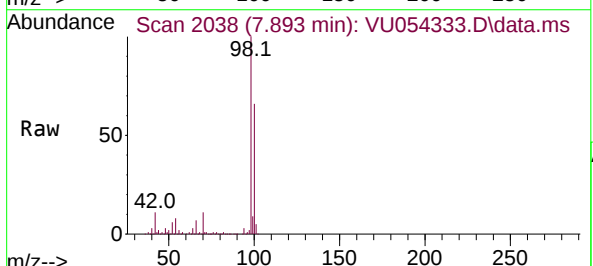
Acq: 31 May 2023 13:04

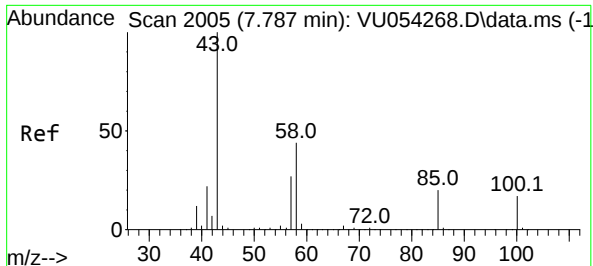
Tgt Ion: 98 Resp: 451940

Ion Ratio Lower Upper

98 100

100 66.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 111.228 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

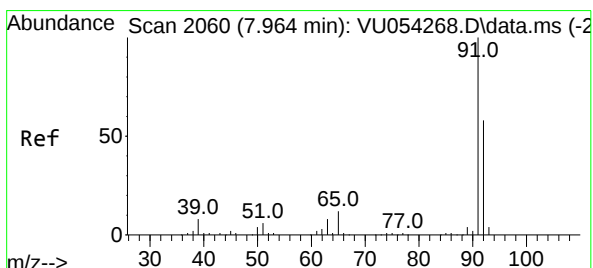
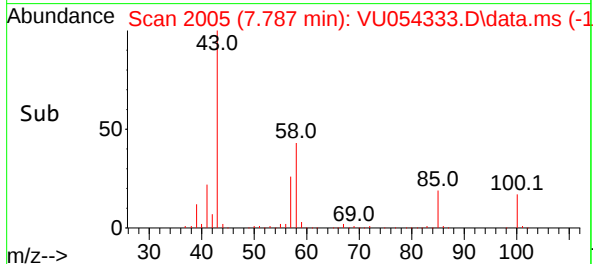
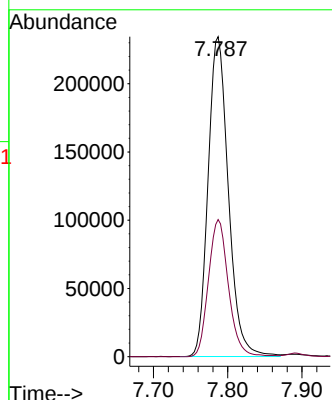
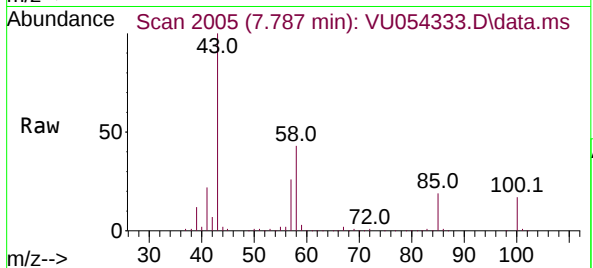
VU0531WBSD01

Tgt Ion: 43 Resp: 443955

Ion Ratio Lower Upper

43 100

58 42.3 34.7 52.1



#52

Toluene

Concen: 20.490 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054333.D

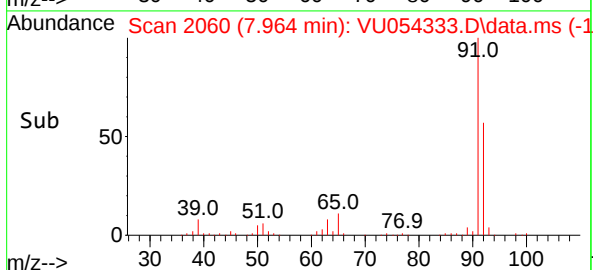
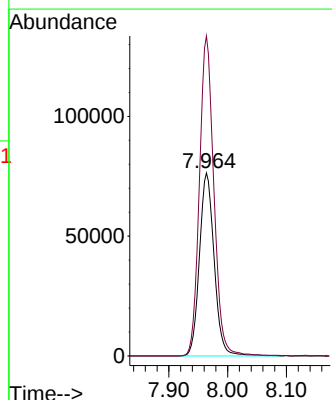
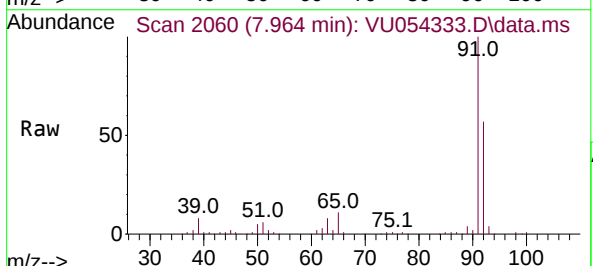
Acq: 31 May 2023 13:04

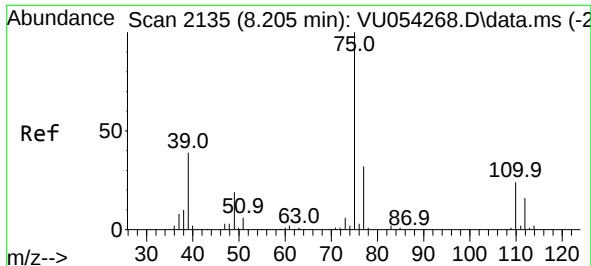
Tgt Ion: 92 Resp: 132594

Ion Ratio Lower Upper

92 100

91 172.3 138.2 207.4

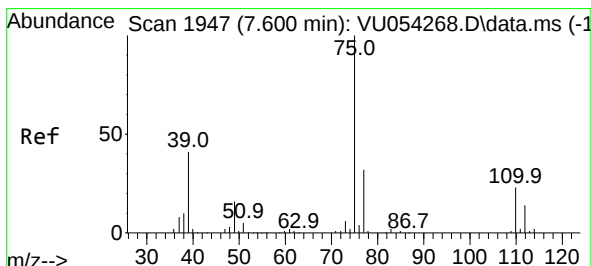
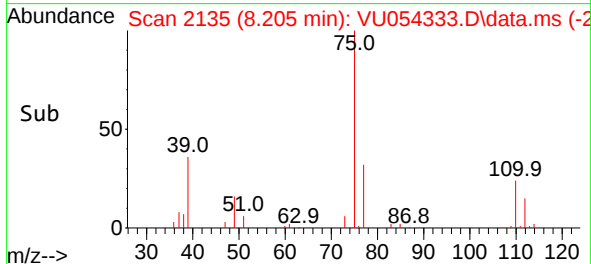
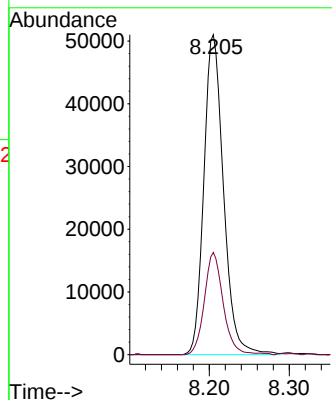
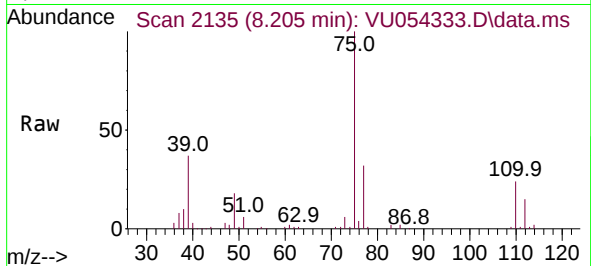




#53
t-1,3-Dichloropropene
Concen: 20.937 ug/l
RT: 8.205 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

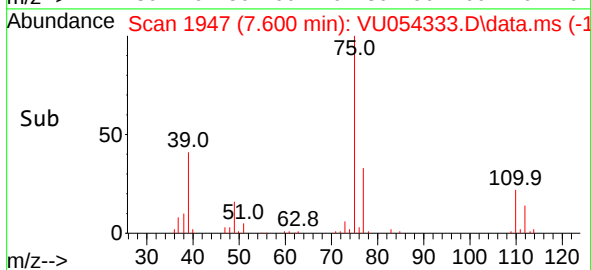
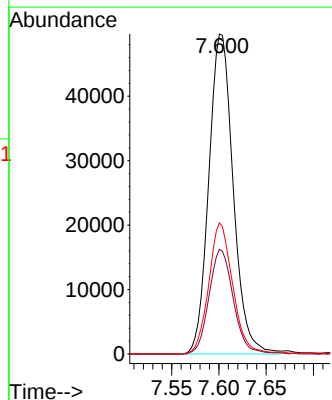
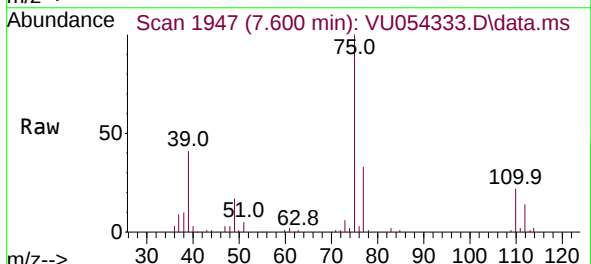
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

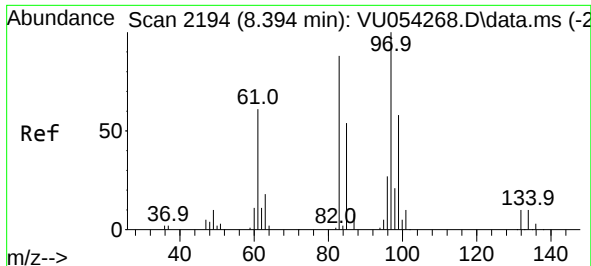
Tgt Ion: 75 Resp: 87300
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.477 ug/l
RT: 7.600 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 75 Resp: 89103
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 41.0 33.0 49.6

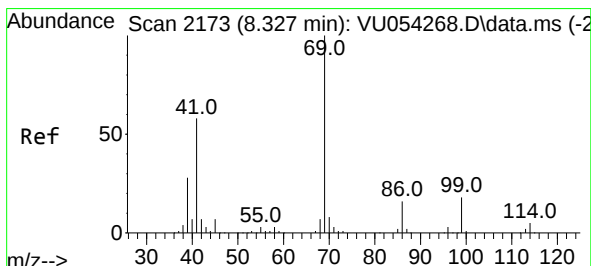
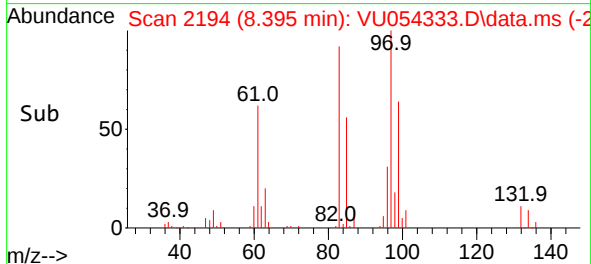
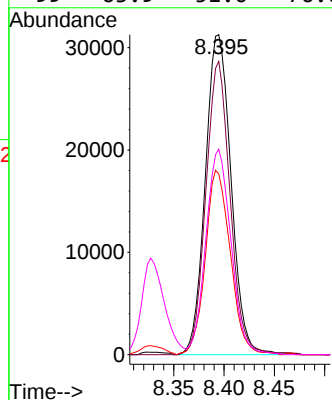
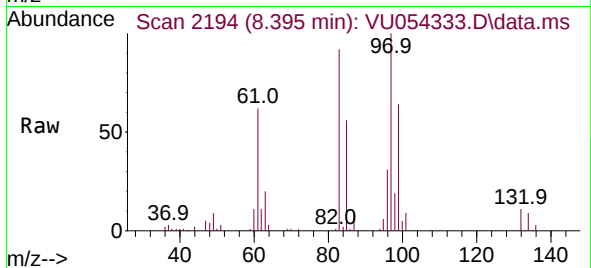




#55
1,1,2-Trichloroethane
Concen: 20.779 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

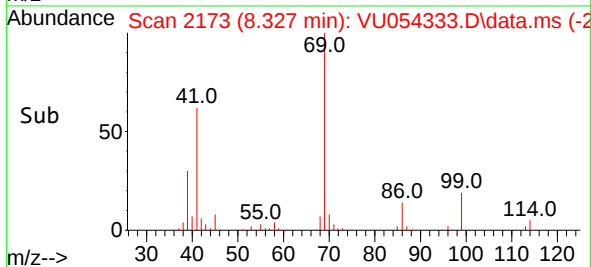
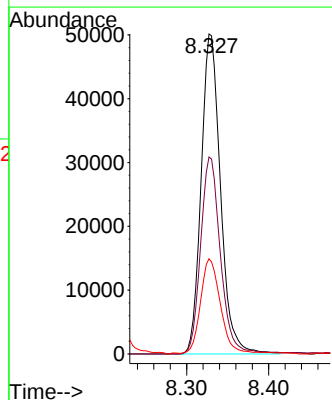
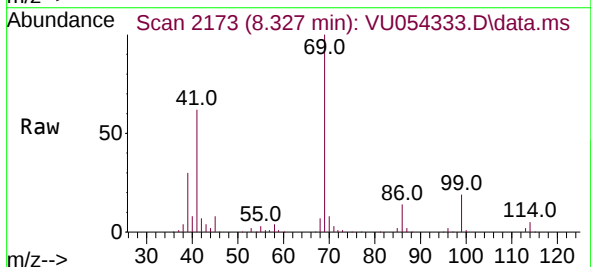
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

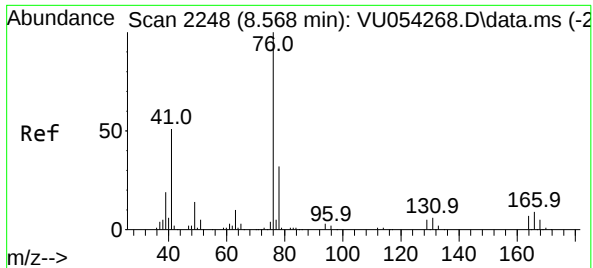
Tgt Ion: 97	Resp: 55725
Ion Ratio	Lower Upper
97 100	
83 91.2	70.2 105.4
85 56.4	44.6 66.8
99 63.9	51.0 76.6



#56
Ethyl methacrylate
Concen: 20.581 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 69	Resp: 82160
Ion Ratio	Lower Upper
69 100	
41 63.1	45.4 68.0
39 30.1	25.7 38.5





#57

1,3-Dichloropropane

Concen: 20.997 ug/l

RT: 8.572 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

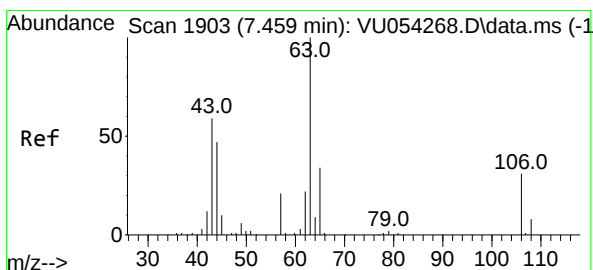
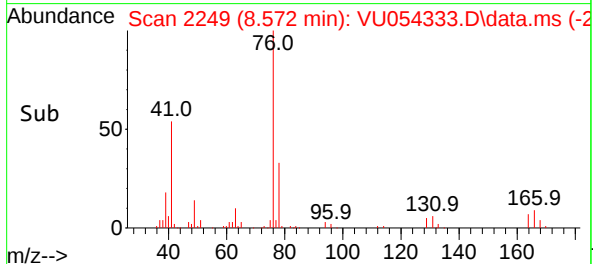
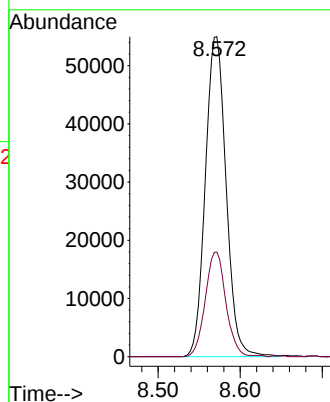
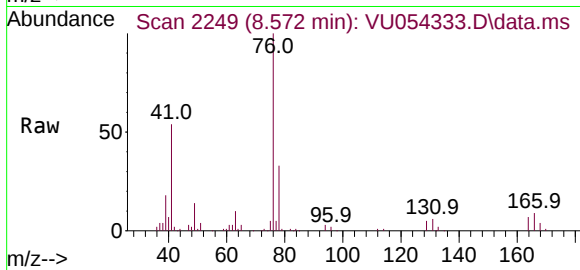
VU0531WBSD01

Tgt Ion: 76 Resp: 96972

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 65.980 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VU054333.D

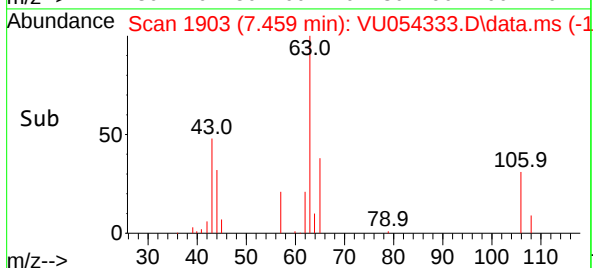
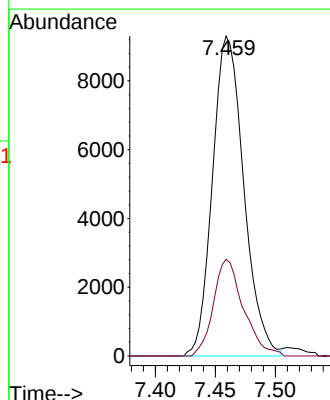
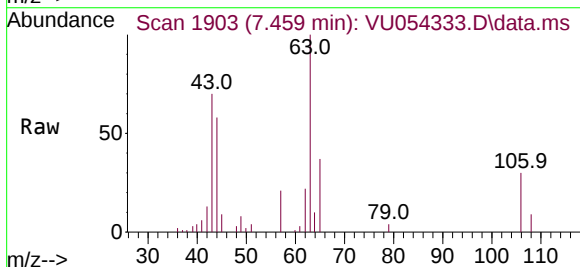
Acq: 31 May 2023 13:04

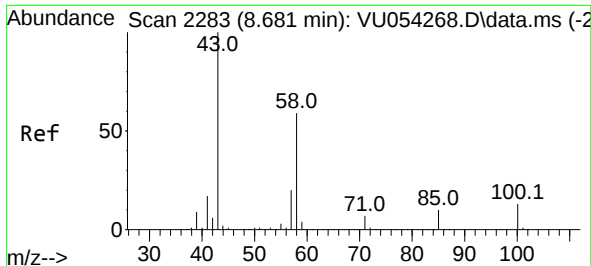
Tgt Ion: 63 Resp: 16887

Ion Ratio Lower Upper

63 100

106 28.9 23.1 34.7

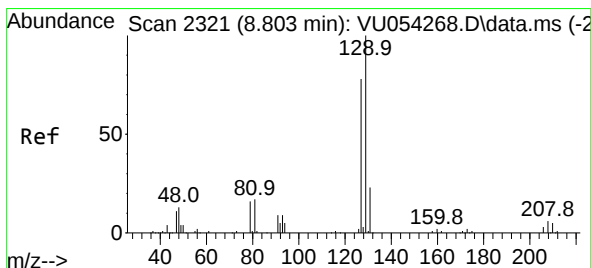
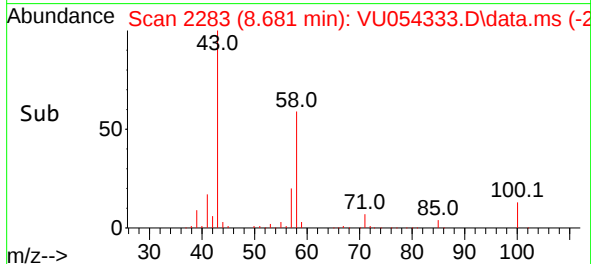
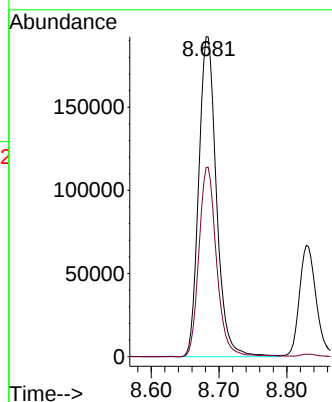
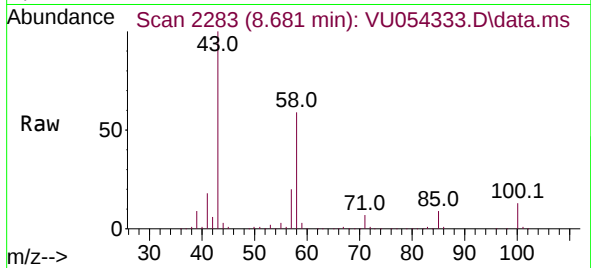




#59
2-Hexanone
Concen: 110.549 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

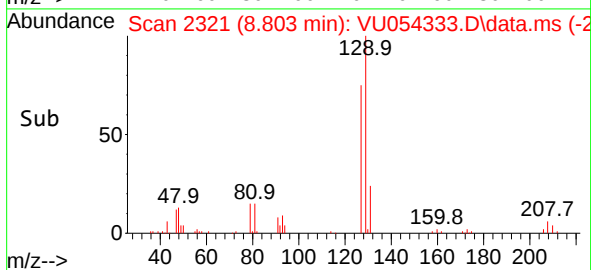
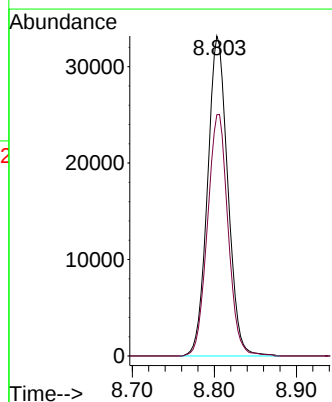
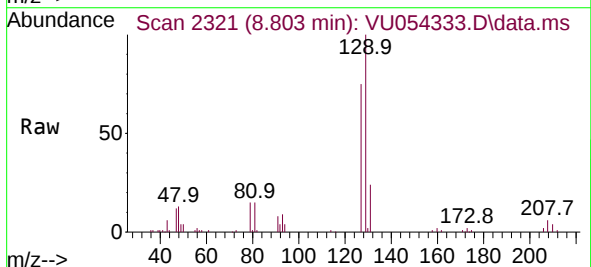
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

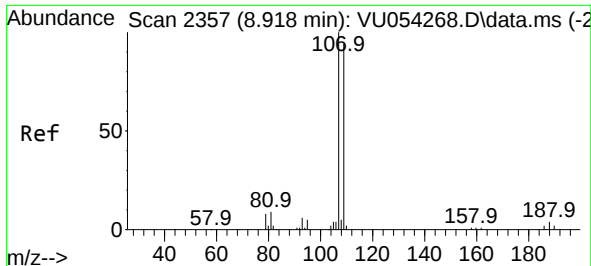
Tgt Ion: 43 Resp: 348560
Ion Ratio Lower Upper
43 100
58 59.0 30.3 90.8



#60
Dibromochloromethane
Concen: 20.909 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 129 Resp: 56969
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

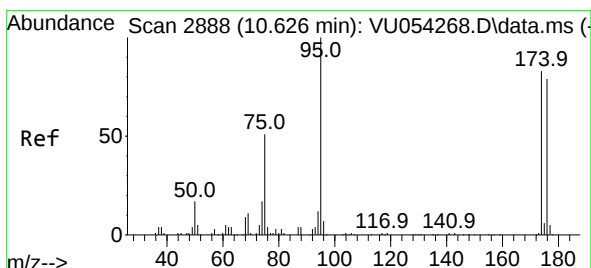
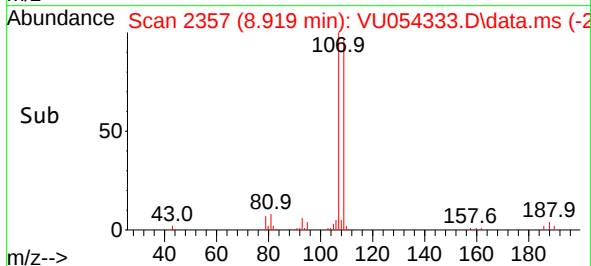
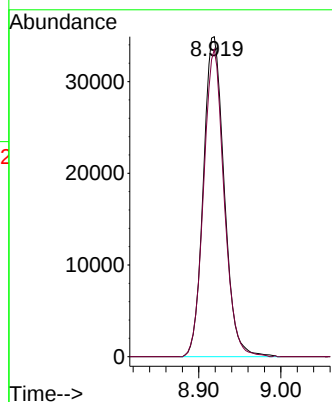
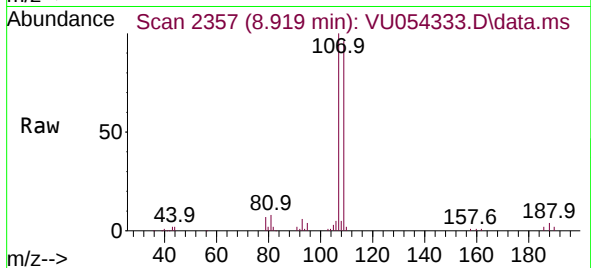




#61
1,2-Dibromoethane
Concen: 21.091 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

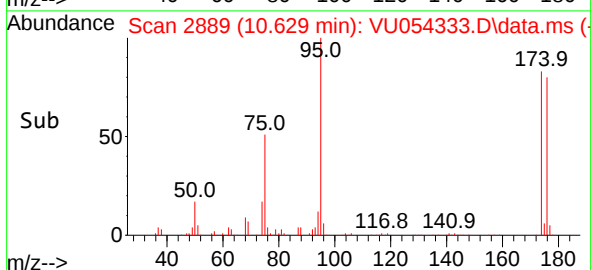
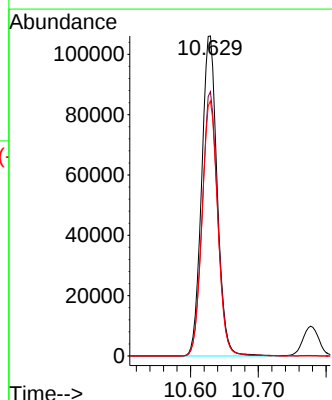
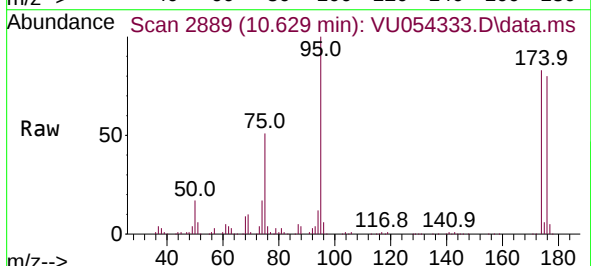
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

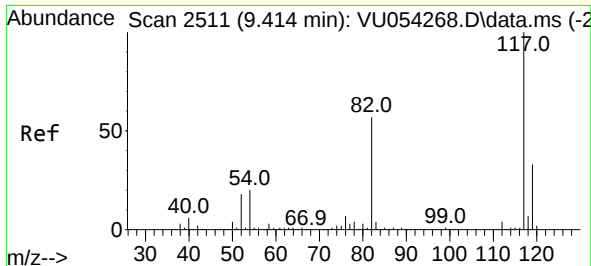
Tgt Ion:107 Resp: 61558
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 50.786 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 95 Resp: 169670
Ion Ratio Lower Upper
95 100
174 82.2 0.0 182.0
176 79.7 0.0 177.8

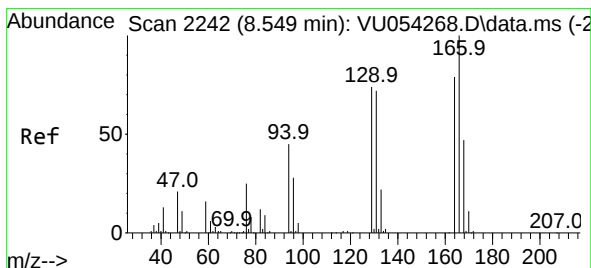
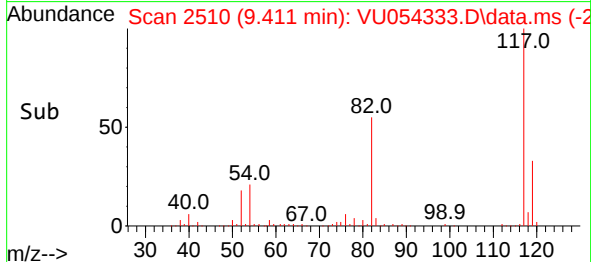
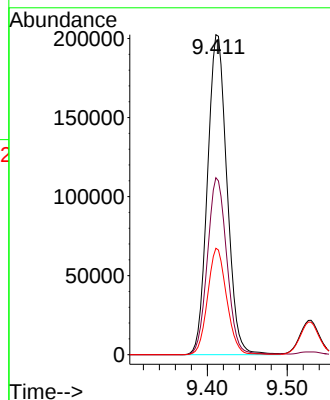
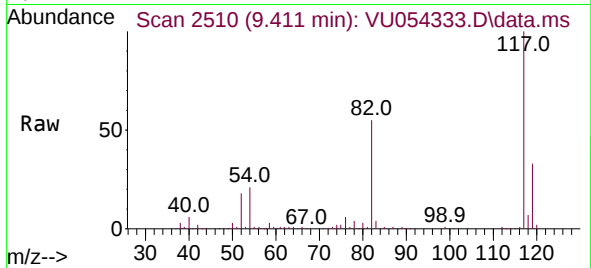




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

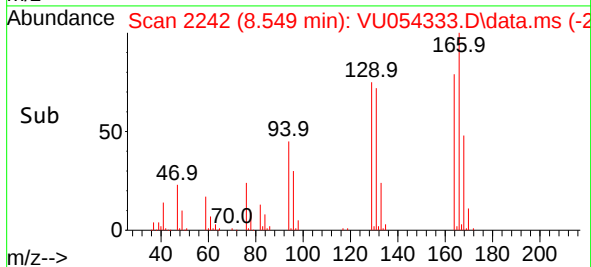
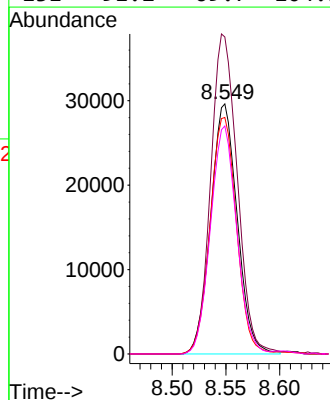
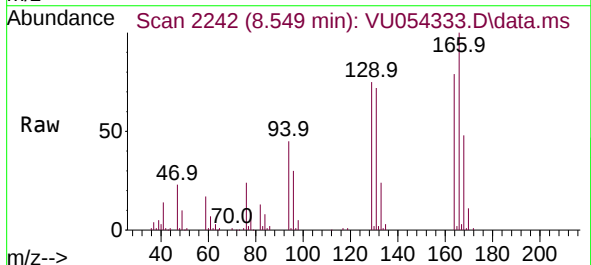
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

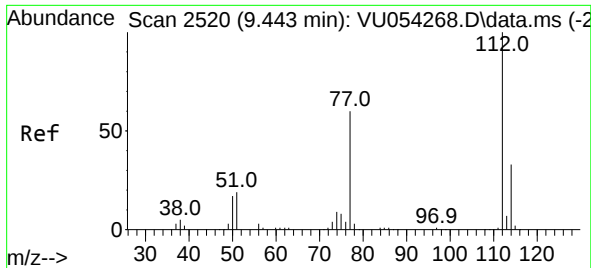
Tgt Ion:117 Resp: 342210
Ion Ratio Lower Upper
117 100
82 55.3 41.7 62.5
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 19.807 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion:164 Resp: 51013
Ion Ratio Lower Upper
164 100
166 126.8 100.0 150.0
129 94.6 72.0 108.0
131 91.2 69.7 104.5

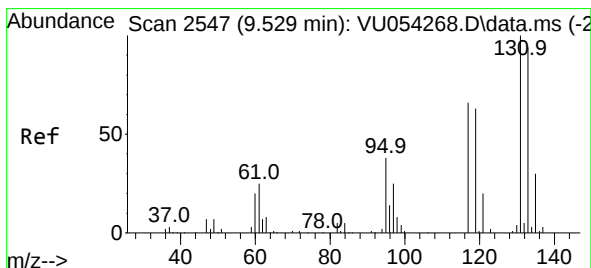
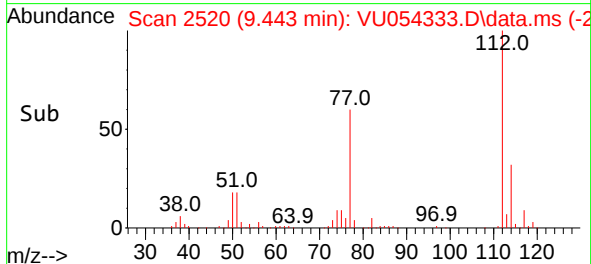
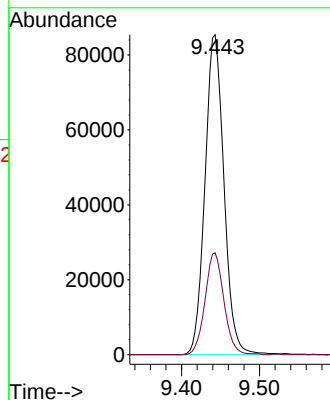
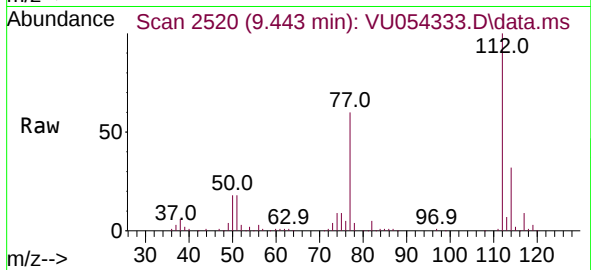




#65
Chlorobenzene
Concen: 20.201 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

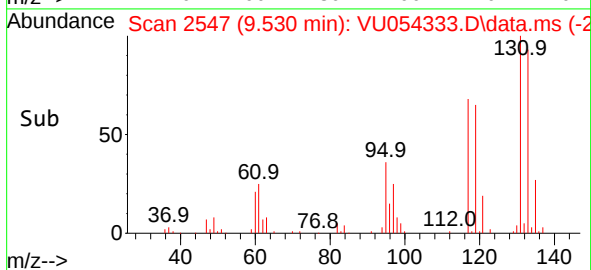
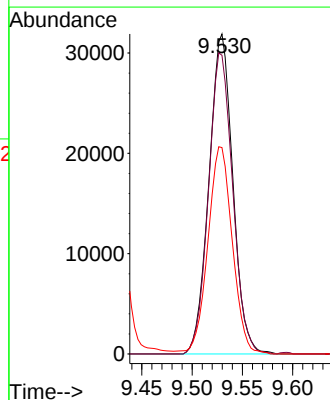
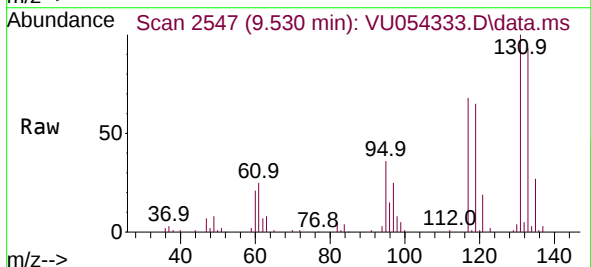
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

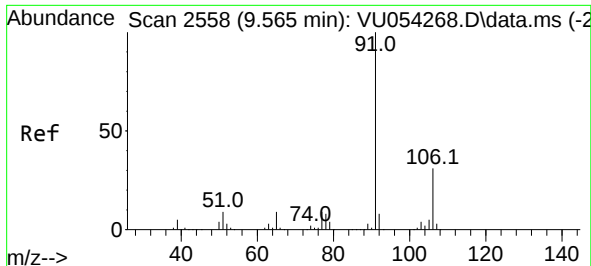
Tgt Ion:112 Resp: 144521
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.315 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion:131 Resp: 52725
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 66.2 33.9 101.6





#67

Ethyl Benzene

Concen: 19.946 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

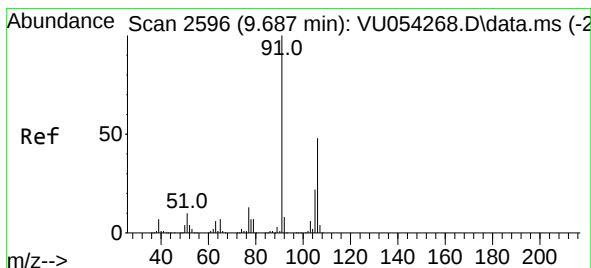
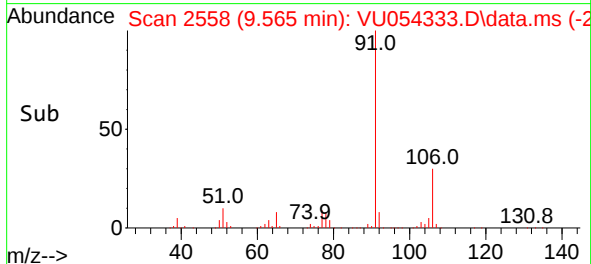
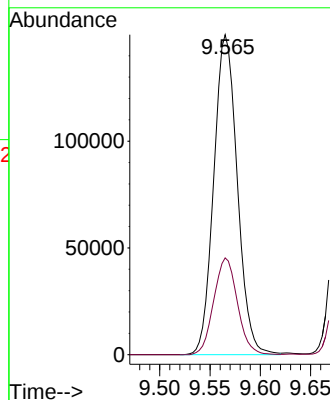
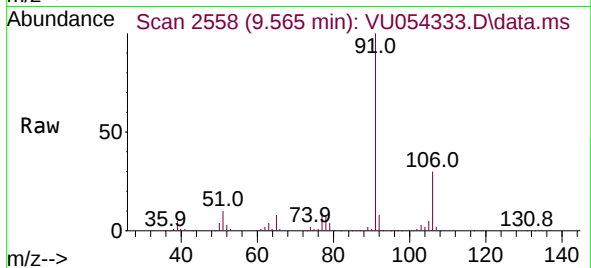
VU0531WBSD01

Tgt Ion: 91 Resp: 243958

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 40.781 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. 0.000 min

Lab File: VU054333.D

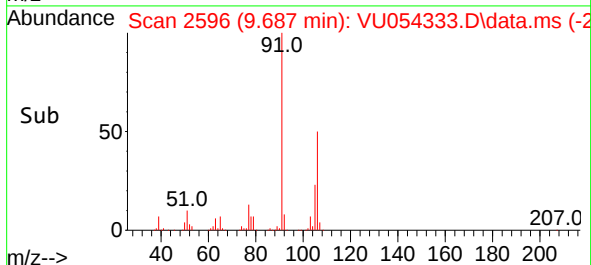
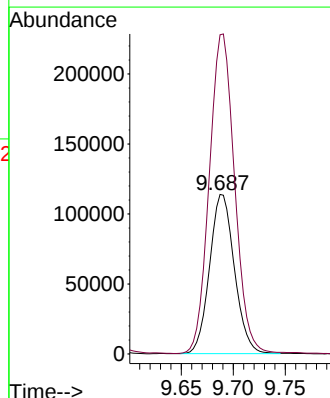
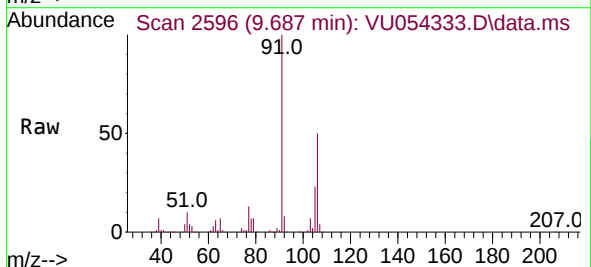
Acq: 31 May 2023 13:04

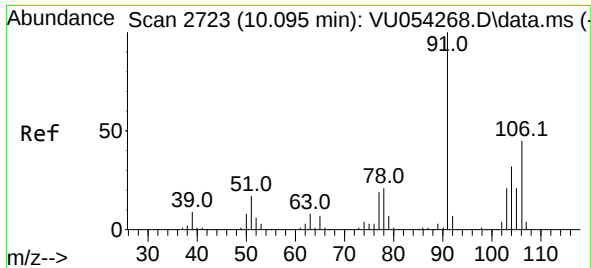
Tgt Ion: 106 Resp: 189067

Ion Ratio Lower Upper

106 100

91 205.2 157.2 235.8

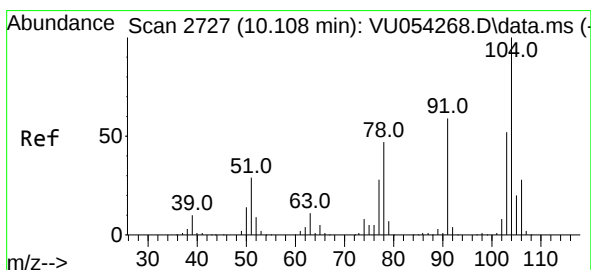
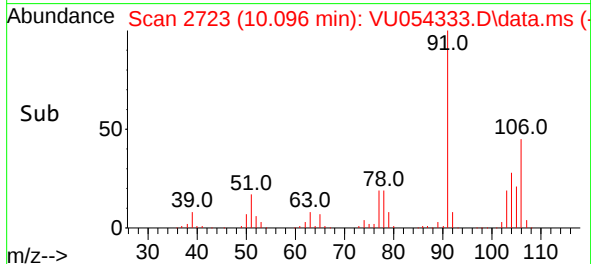
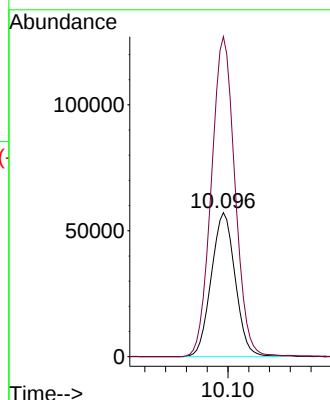
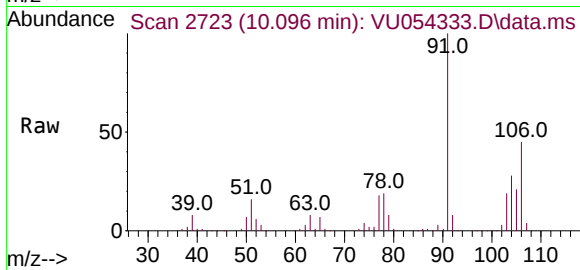




#69
o-Xylene
Concen: 20.363 ug/l
RT: 10.096 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

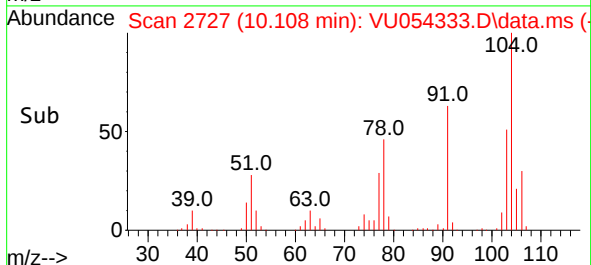
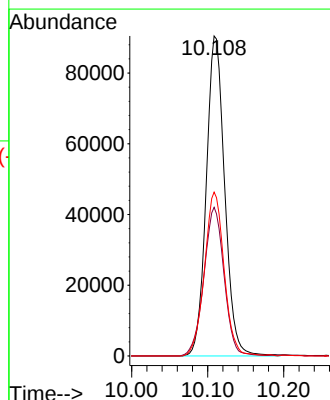
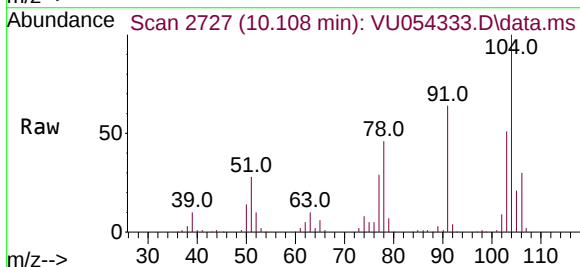
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

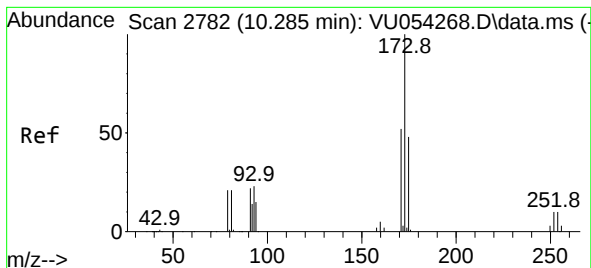
Tgt Ion:106 Resp: 91385
Ion Ratio Lower Upper
106 100
91 220.5 103.5 310.5



#70
Styrene
Concen: 20.477 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion:104 Resp: 152401
Ion Ratio Lower Upper
104 100
78 50.8 38.0 57.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 19.999 ug/l

RT: 10.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

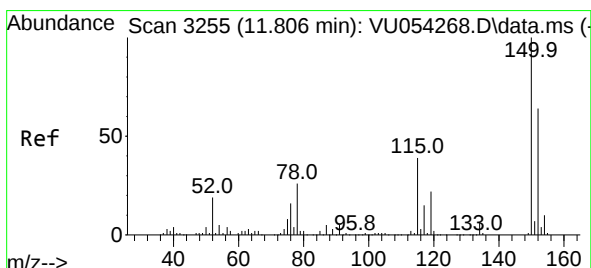
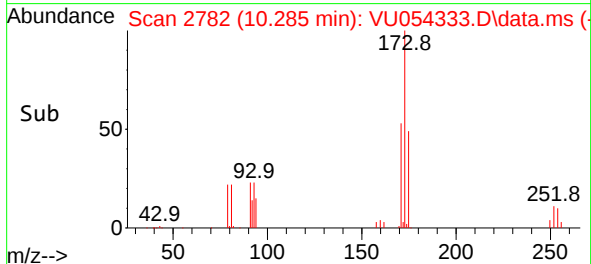
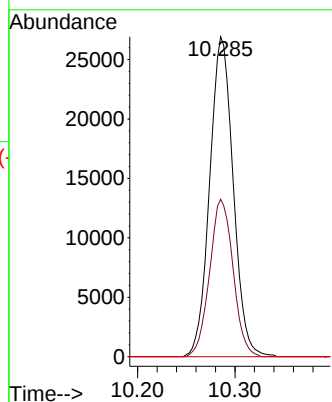
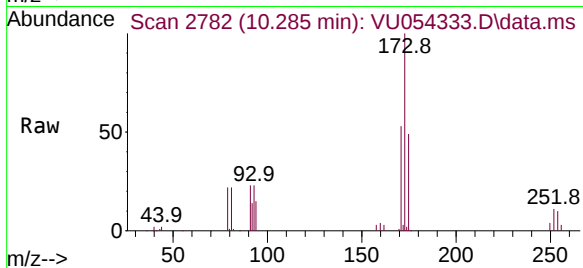
Tgt Ion:173 Resp: 45103

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

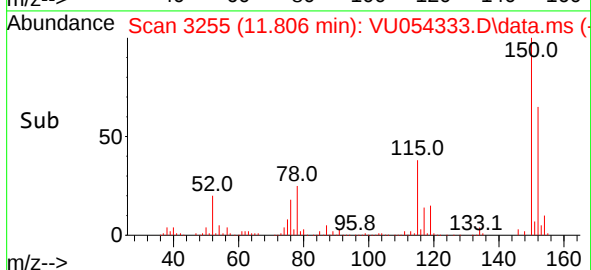
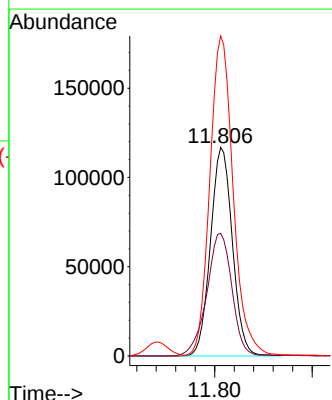
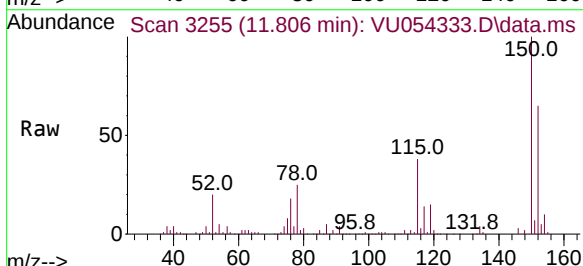
Tgt Ion:152 Resp: 182673

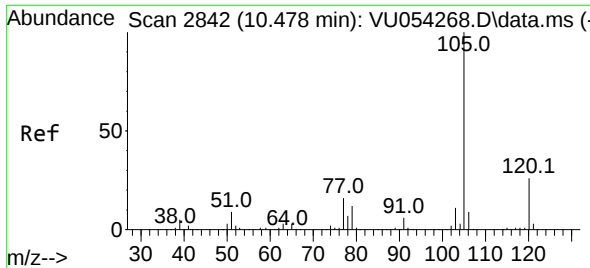
Ion Ratio Lower Upper

152 100

115 67.3 37.0 110.9

150 162.3 0.0 342.2

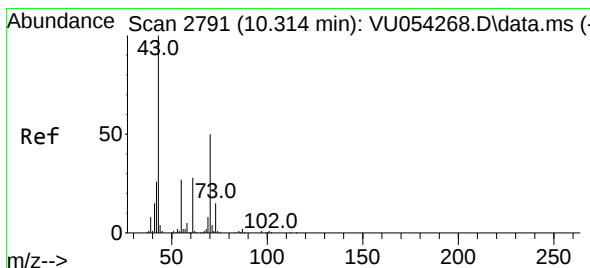
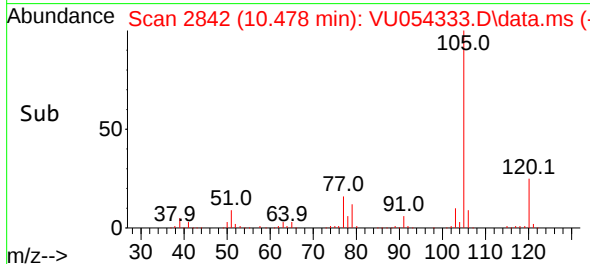
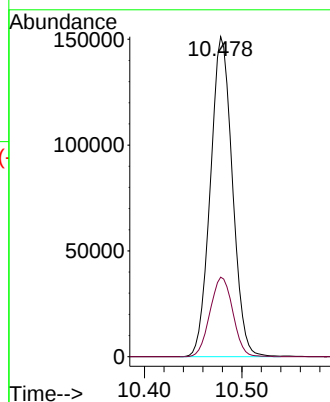
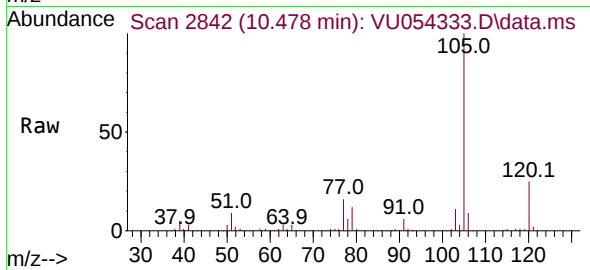




#73
Isopropylbenzene
Concen: 20.986 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

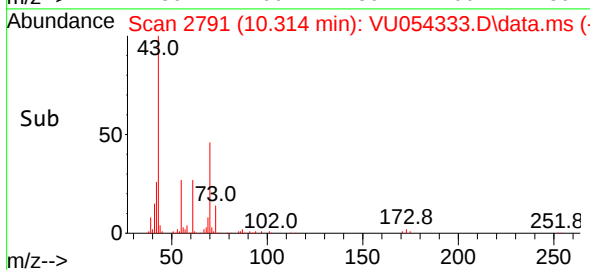
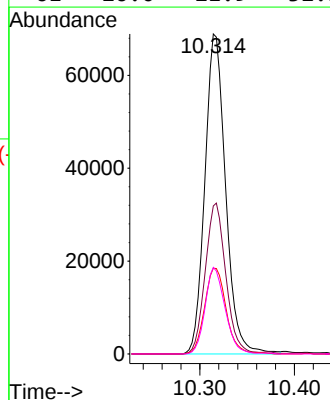
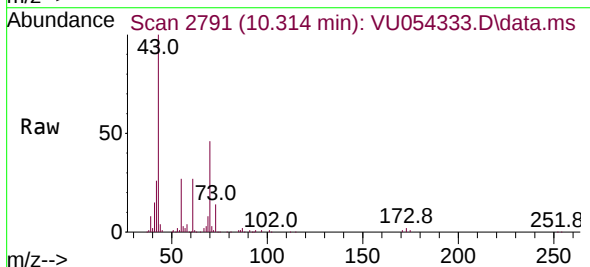
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

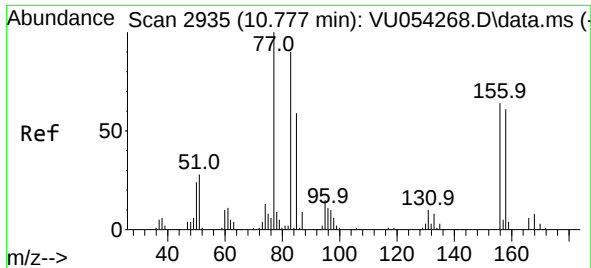
Tgt Ion:105 Resp: 237421
Ion Ratio Lower Upper
105 100
120 25.7 13.8 41.4



#74
N-ethyl acetate
Concen: 21.918 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 43 Resp: 105288
Ion Ratio Lower Upper
43 100
70 46.6 38.7 58.1
55 27.8 21.8 32.8
61 26.0 21.9 32.9

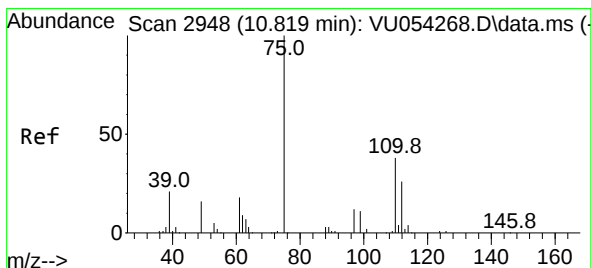
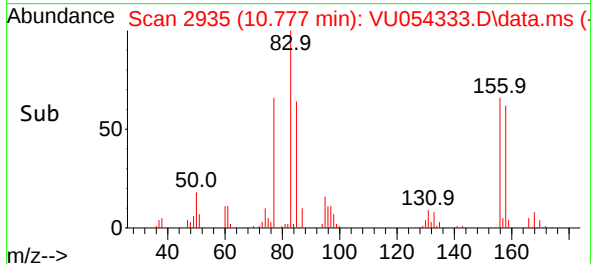
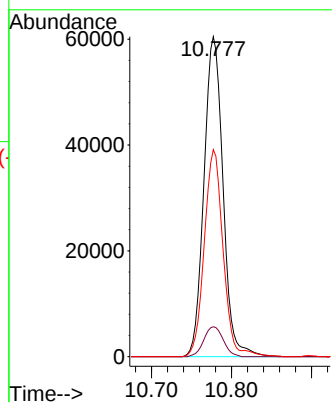
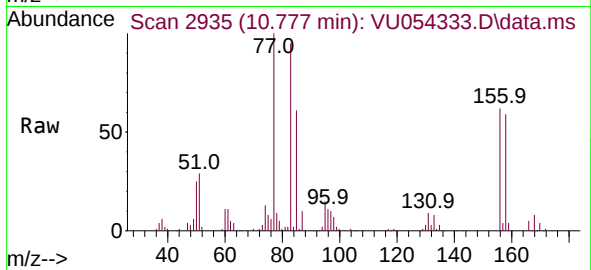




#75
1,1,2,2-Tetrachloroethane
Concen: 21.944 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

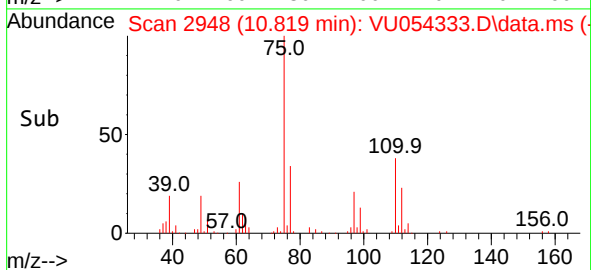
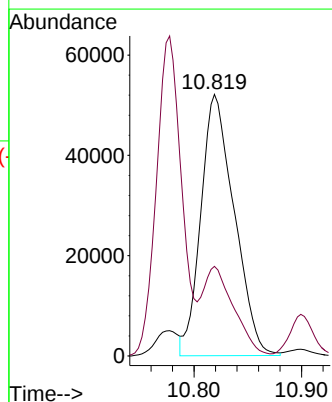
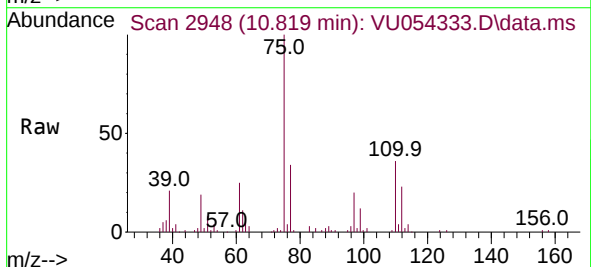
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

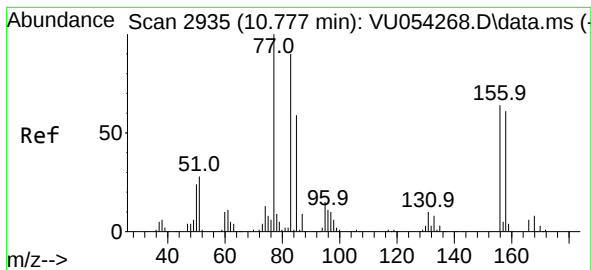
Tgt Ion: 83 Resp: 100452
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.4
85 64.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 21.096 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 75 Resp: 112471
Ion Ratio Lower Upper
75 100
77 31.6 15.8 47.3





#77

Bromobenzene

Concen: 20.869 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

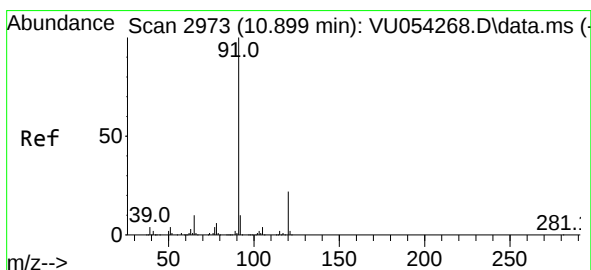
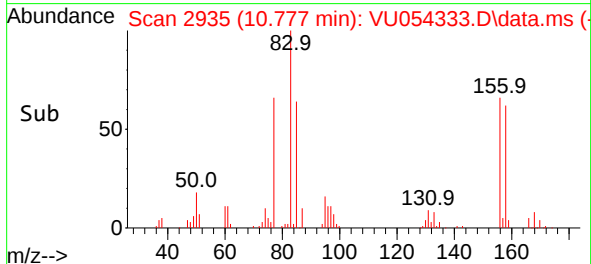
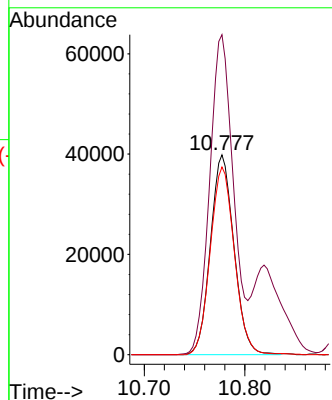
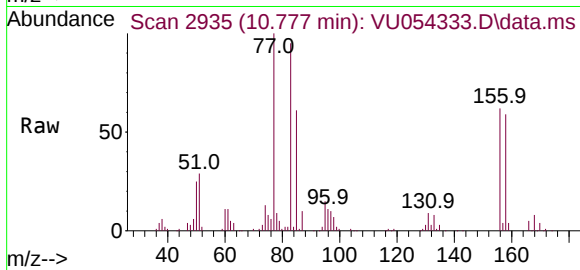
Tgt Ion:156 Resp: 64833

Ion Ratio Lower Upper

156 100

77 161.6 71.9 215.6

158 95.9 48.9 146.8



#78

n-propylbenzene

Concen: 20.824 ug/l

RT: 10.899 min Scan# 2973

Delta R.T. 0.000 min

Lab File: VU054333.D

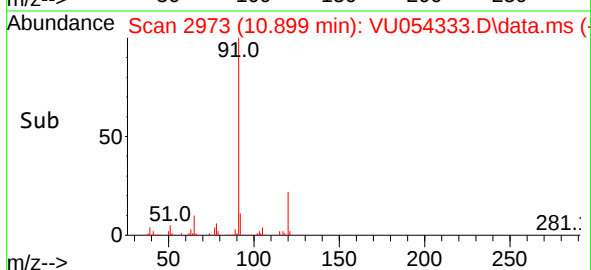
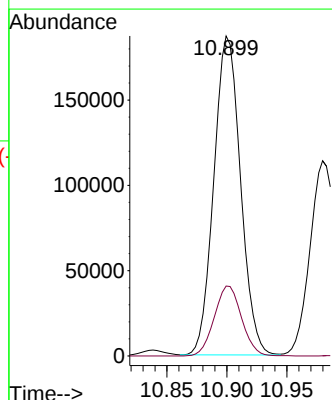
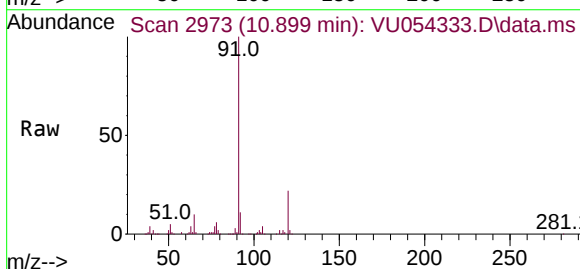
Acq: 31 May 2023 13:04

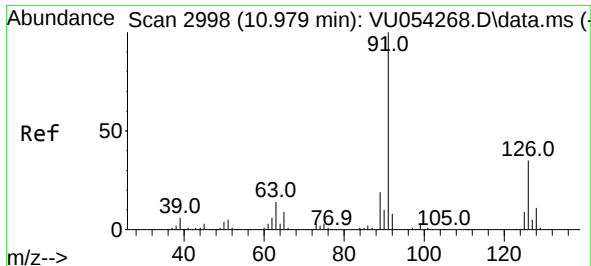
Tgt Ion: 91 Resp: 288596

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.5

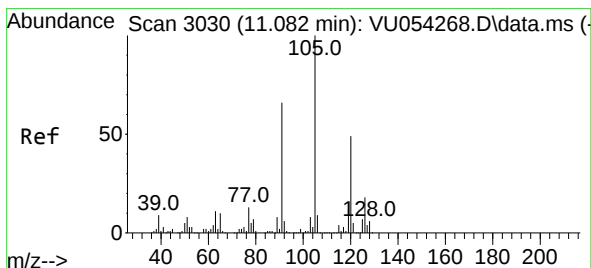
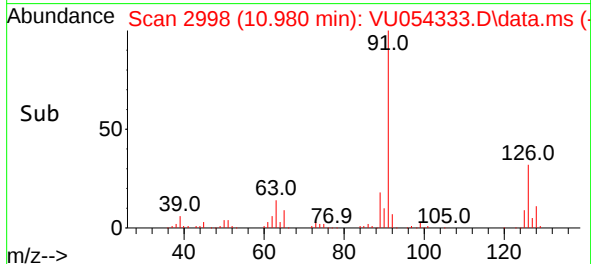
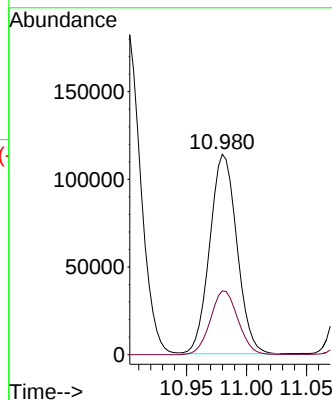
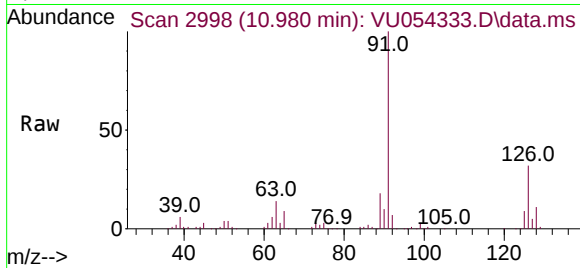




#79
2-Chlorotoluene
Concen: 21.354 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

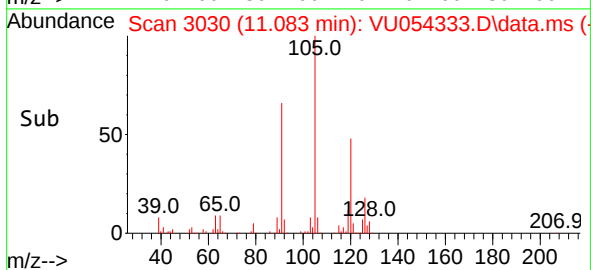
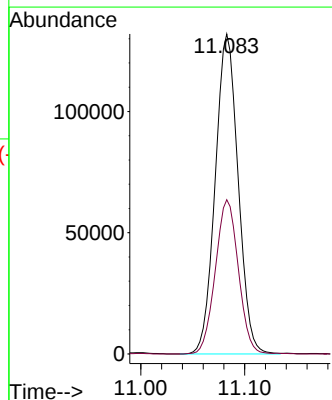
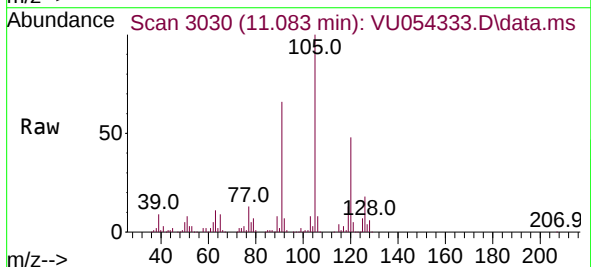
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

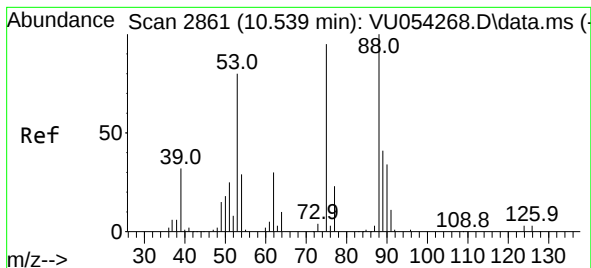
Tgt Ion: 91 Resp: 179167
Ion Ratio Lower Upper
91 100
126 32.6 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 20.991 ug/l
RT: 11.083 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 105 Resp: 201955
Ion Ratio Lower Upper
105 100
120 48.5 25.3 75.9

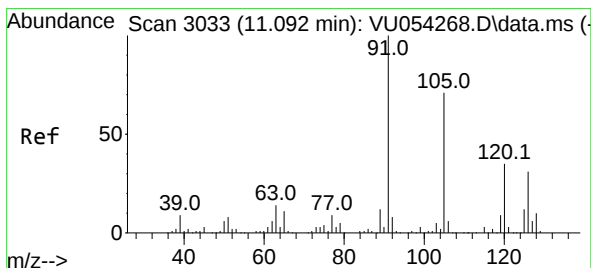
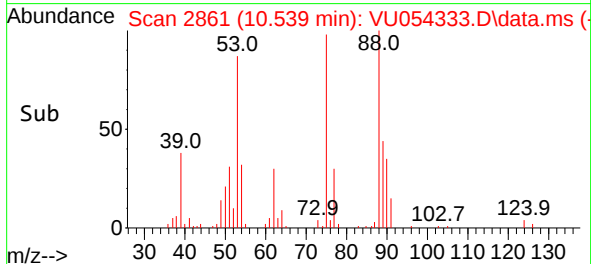
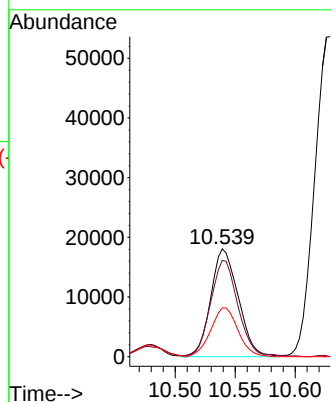
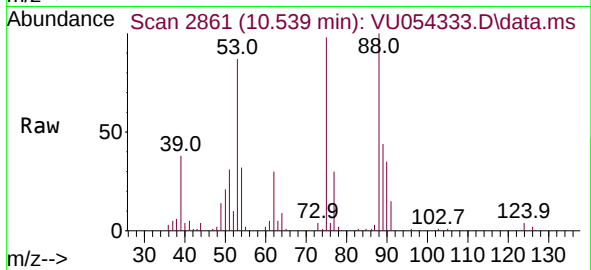




#81
trans-1,4-Dichloro-2-butene
Concen: 20.576 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

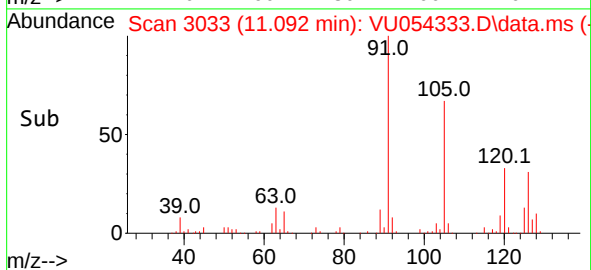
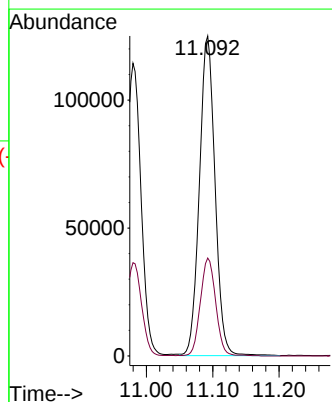
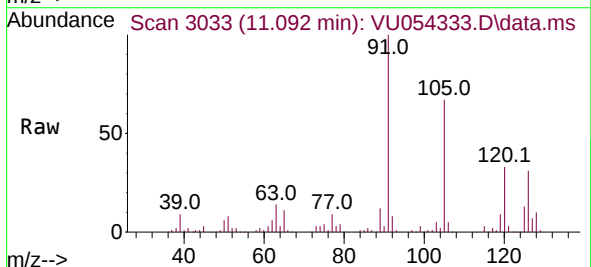
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

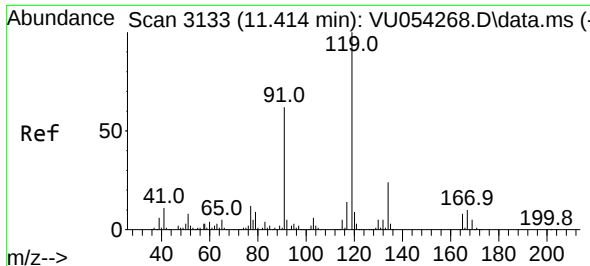
Tgt Ion: 75 Resp: 28808
Ion Ratio Lower Upper
75 100
53 89.7 69.2 103.8
89 45.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.755 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 91 Resp: 204320
Ion Ratio Lower Upper
91 100
126 30.2 16.1 48.2

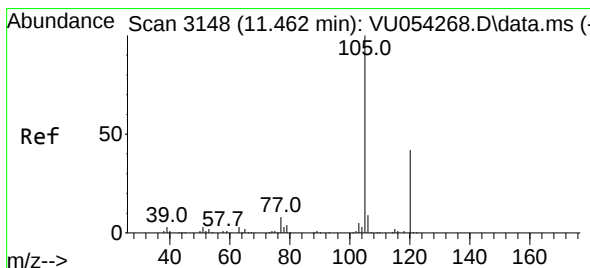
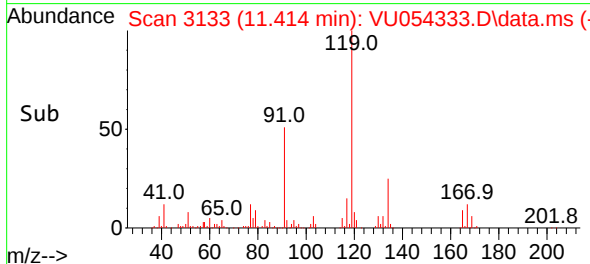
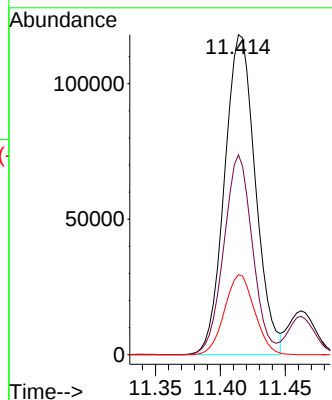
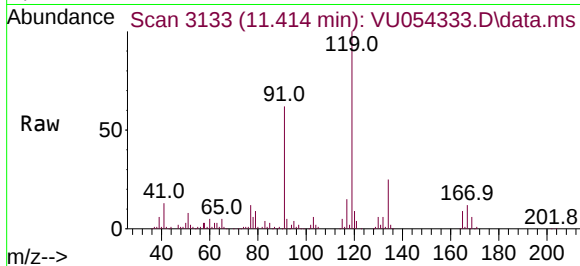




#83
tert-Butylbenzene
Concen: 20.341 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

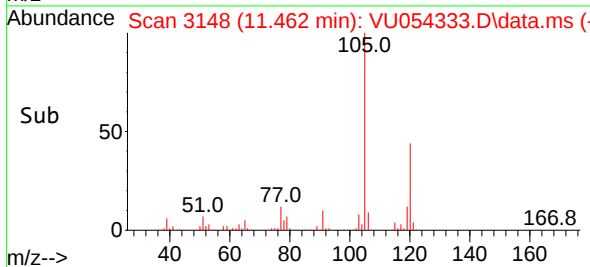
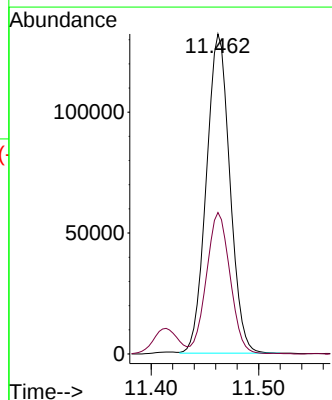
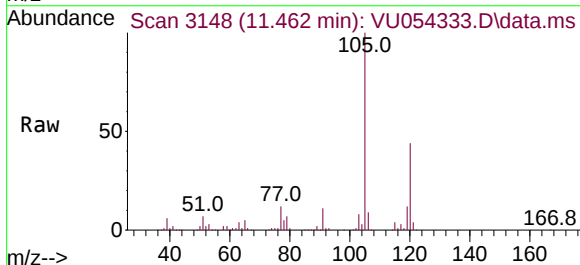
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

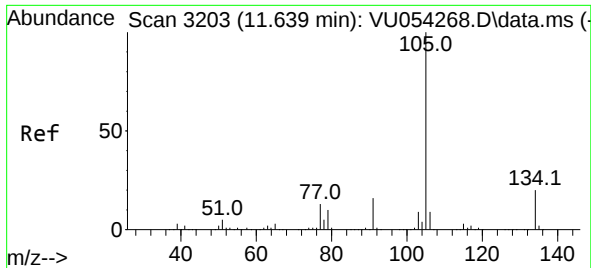
Tgt Ion:119 Resp: 195693
Ion Ratio Lower Upper
119 100
91 58.0 26.8 80.3
134 24.2 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 20.960 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion:105 Resp: 200618
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.3

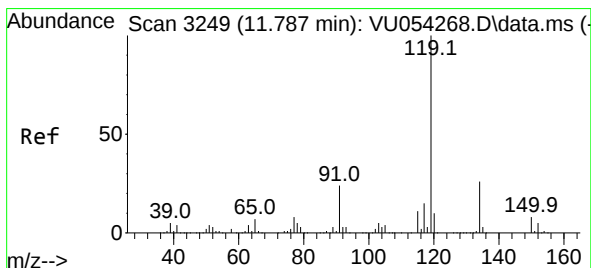
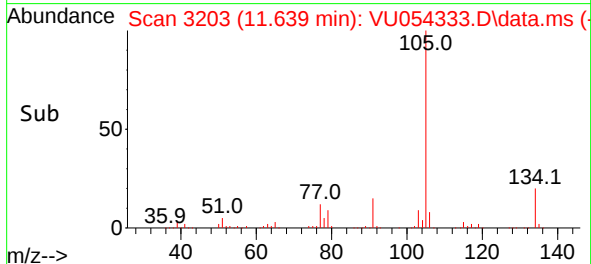
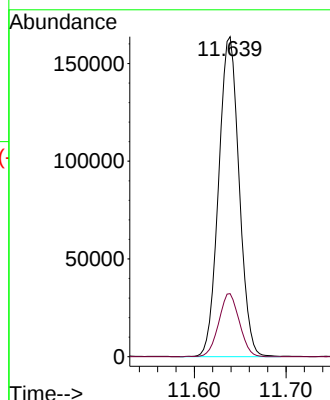
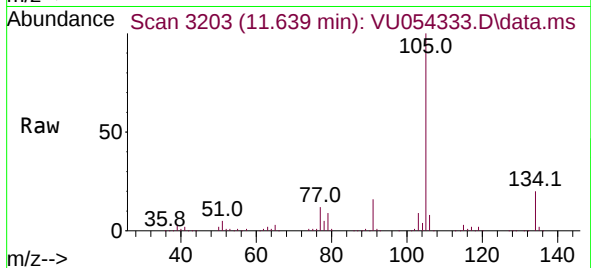




#85
 sec-Butylbenzene
 Concen: 20.802 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054333.D
 Acq: 31 May 2023 13:04

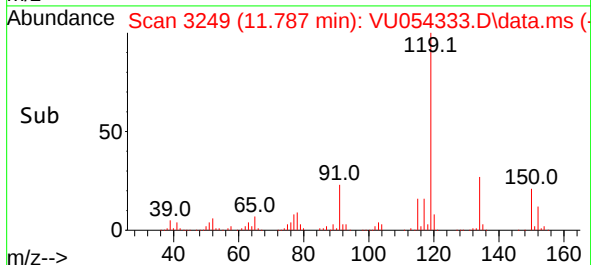
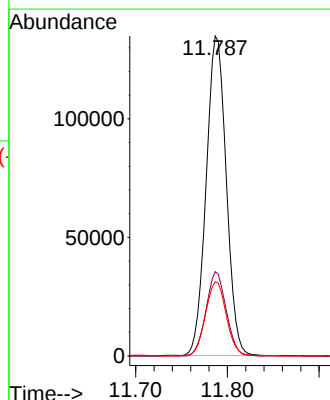
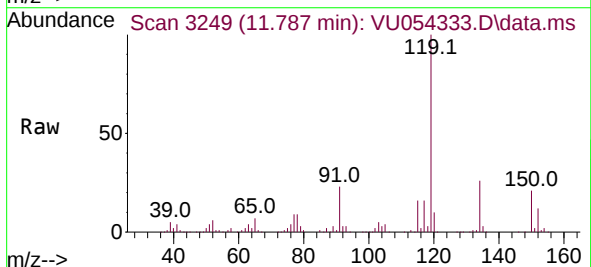
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

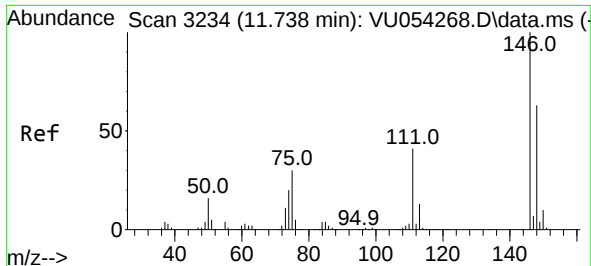
Tgt Ion:105 Resp: 253937
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.978 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054333.D
 Acq: 31 May 2023 13:04

Tgt Ion:119 Resp: 205131
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 24.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.005 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

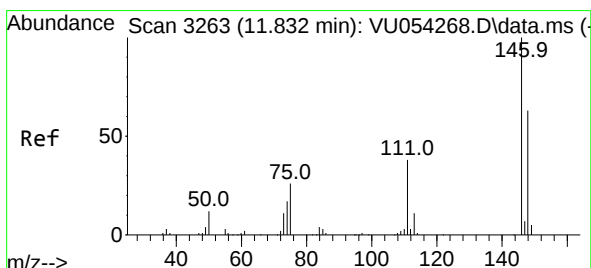
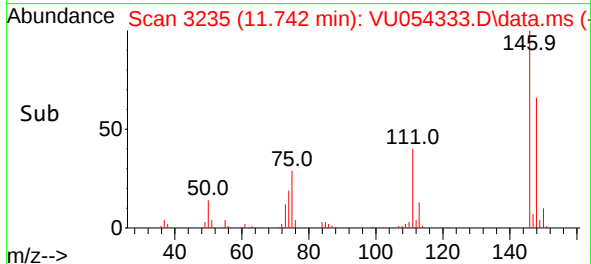
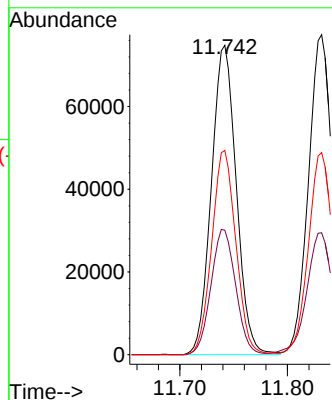
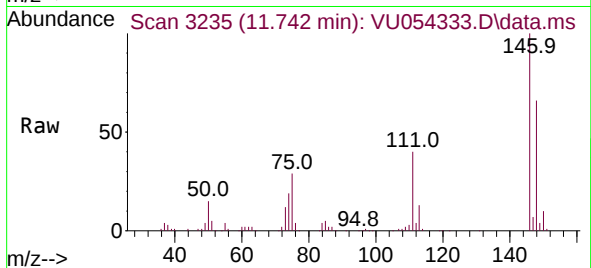
Tgt Ion:146 Resp: 120337

Ion Ratio Lower Upper

146 100

111 40.2 18.9 56.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.657 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

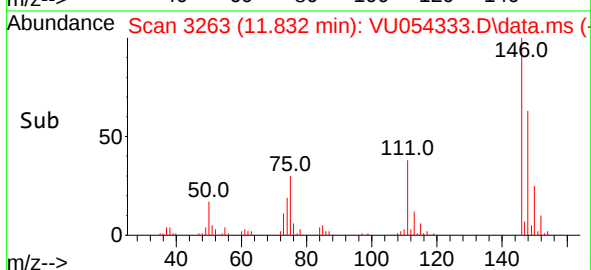
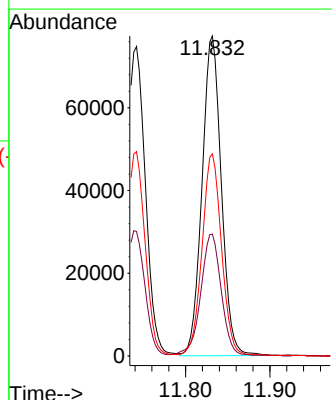
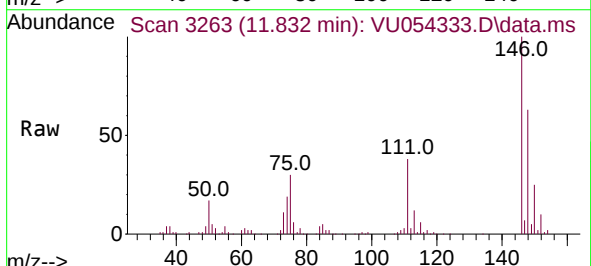
Tgt Ion:146 Resp: 123527

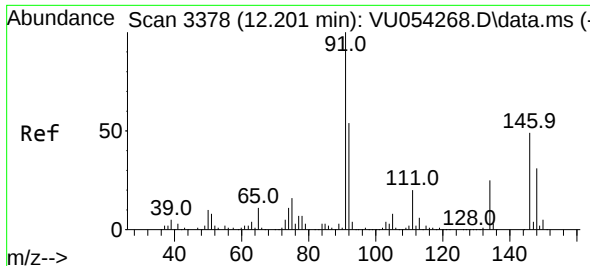
Ion Ratio Lower Upper

146 100

111 40.0 18.5 55.5

148 63.6 31.9 95.7

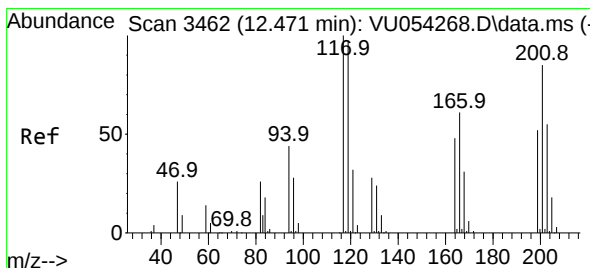
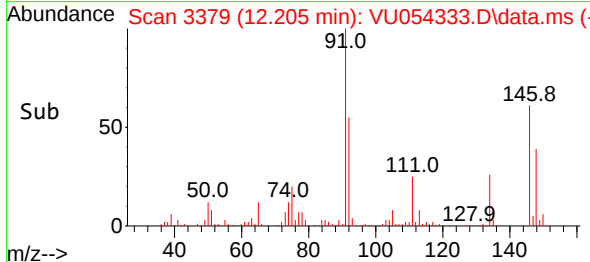
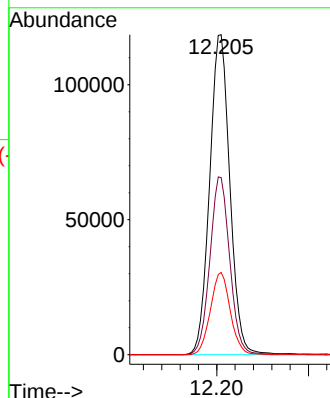
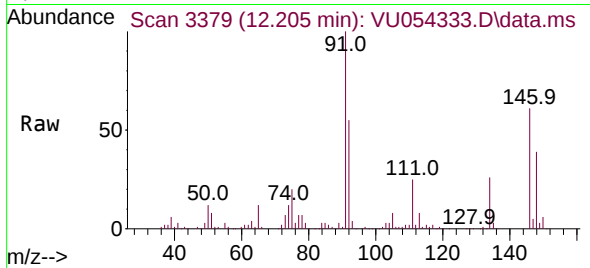




#89
n-Butylbenzene
Concen: 18.760 ug/l
RT: 12.205 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

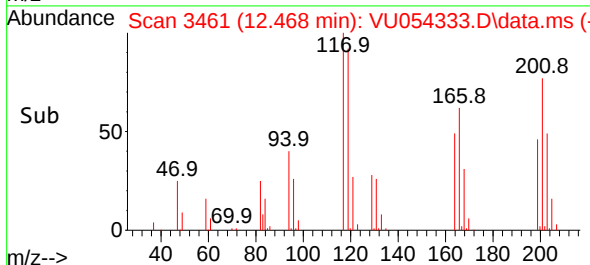
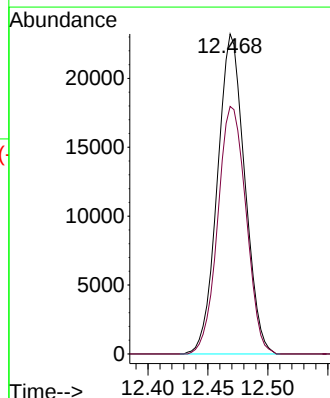
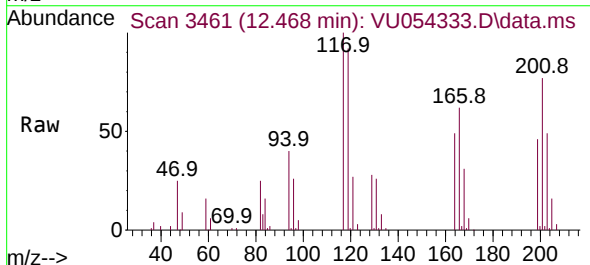
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

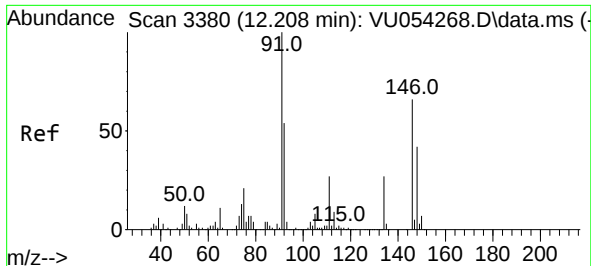
Tgt Ion: 91 Resp: 181320
Ion Ratio Lower Upper
91 100
92 54.5 26.2 78.6
134 25.3 13.5 40.4



#90
Hexachloroethane
Concen: 20.232 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion: 117 Resp: 36751
Ion Ratio Lower Upper
117 100
201 80.0 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 20.189 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

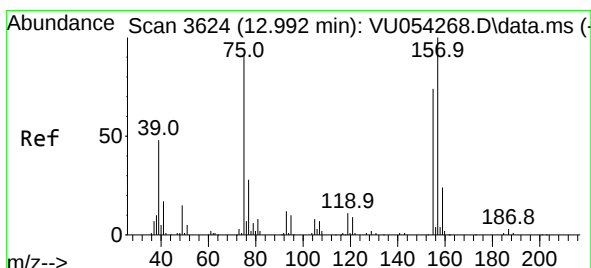
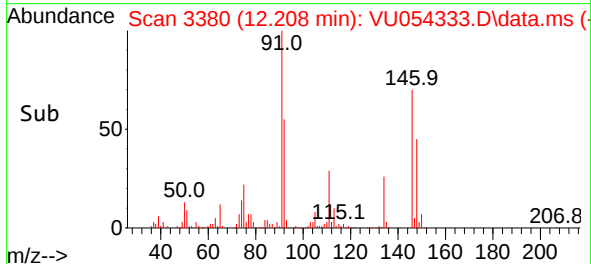
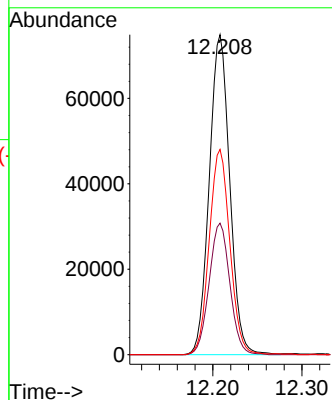
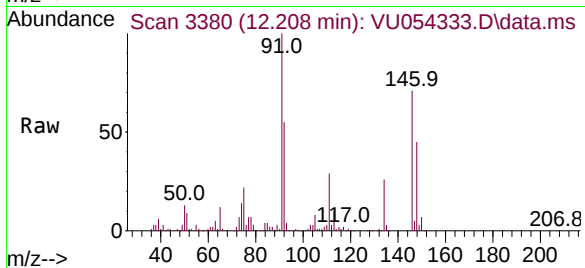
Tgt Ion:146 Resp: 119472

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.6

148 64.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.997 ug/l

RT: 12.993 min Scan# 3624

Delta R.T. 0.001 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

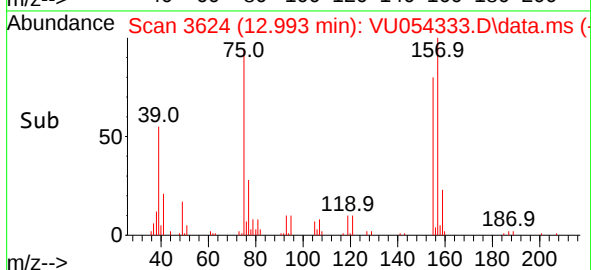
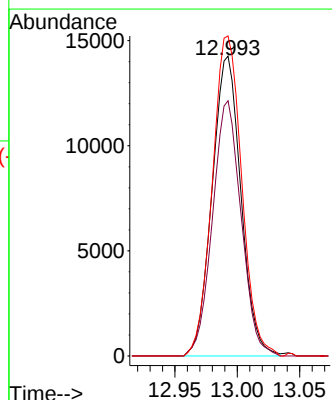
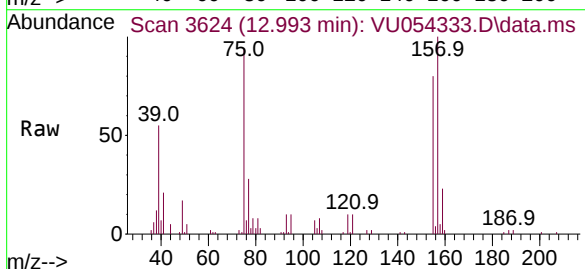
Tgt Ion: 75 Resp: 22965

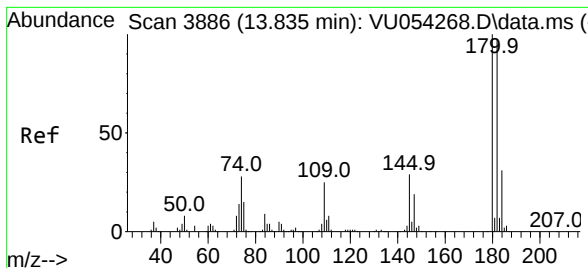
Ion Ratio Lower Upper

75 100

155 84.4 47.8 143.4

157 108.7 62.2 186.5

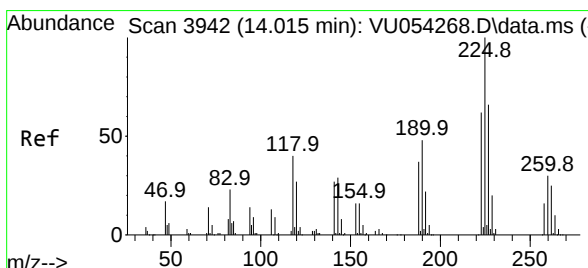
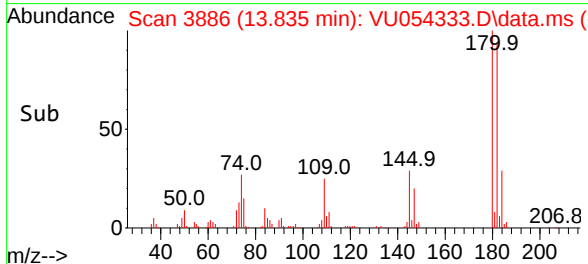
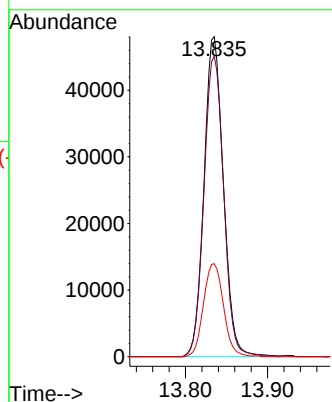
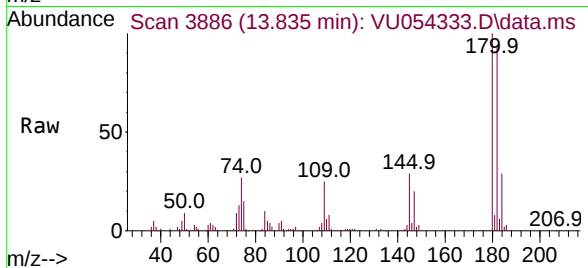




#93
1,2,4-Trichlorobenzene
Concen: 19.824 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

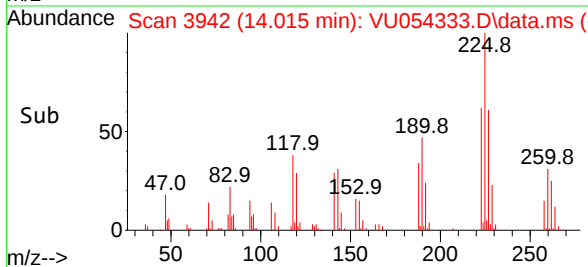
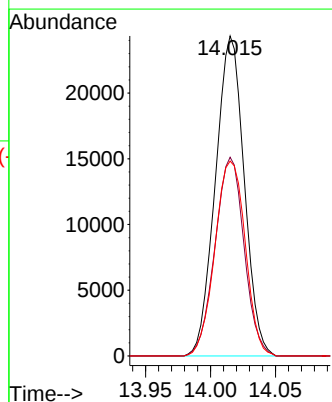
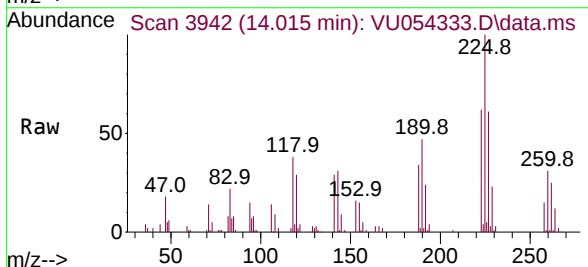
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBSD01

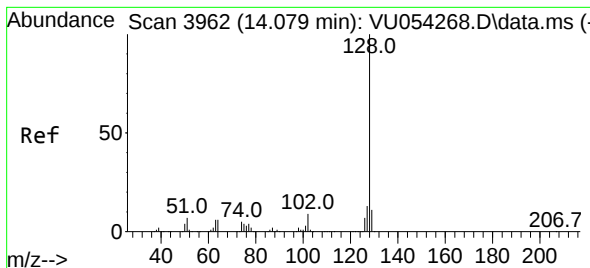
Tgt Ion:180 Resp: 78987
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 29.9 14.0 41.9



#94
Hexachlorobutadiene
Concen: 19.747 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. 0.000 min
Lab File: VU054333.D
Acq: 31 May 2023 13:04

Tgt Ion:225 Resp: 37469
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.9
227 64.1 32.0 96.2





#95

Naphthalene

Concen: 20.387 ug/l

RT: 14.079 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBSD01

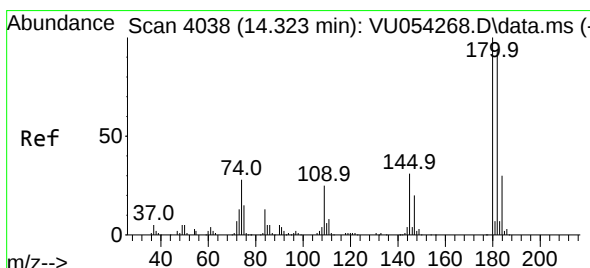
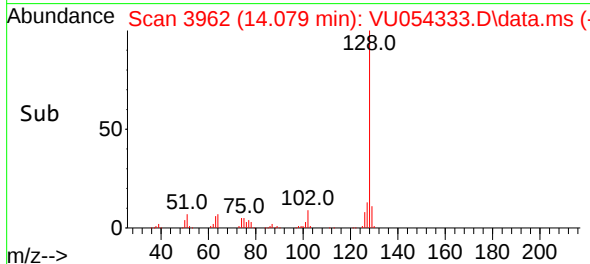
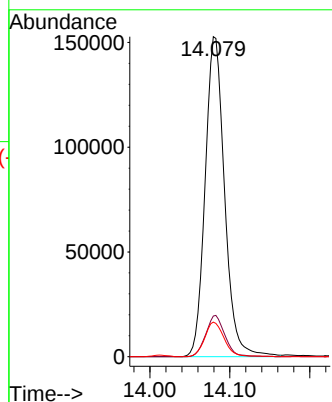
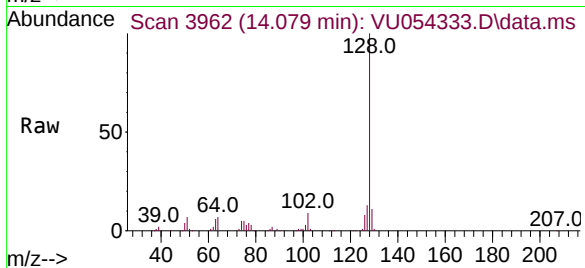
Tgt Ion:128 Resp: 258858

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.336 ug/l

RT: 14.324 min Scan# 4038

Delta R.T. 0.001 min

Lab File: VU054333.D

Acq: 31 May 2023 13:04

Tgt Ion:180 Resp: 81480

Ion Ratio Lower Upper

180 100

182 92.9 48.4 145.0

145 30.4 14.8 44.4

